

# NATURAL HERITAGE RESOURCES OF VIRGINIA: RARE PLANTS

MARCH 2005

VIRGINIA DEPARTMENT OF CONSERVATION AND RECREATION  
DIVISION OF NATURAL HERITAGE  
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Cover illustrations (l. to r.) of Swamp Pink (*Helonias bullata*), dwarf burhead  
(*Echinodorus tenellus*), and small whorled pogonia (*Isotria medeoloides*)  
by Megan Rollins

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## INTRODUCTION

The Virginia Department of Conservation and Recreation's Division of Natural Heritage (DCR-DNH) was established to protect Virginia's Natural Heritage Resources. These Resources are defined in the Virginia Natural Area Preserves Act of 1989 (Section 10.1-209 through 217, *Code of Virginia*), as the habitat of rare, threatened, and endangered plant and animal species; exemplary natural communities, habitats, and ecosystems; and other natural features of the Commonwealth. DCR-DNH is the state's only comprehensive program for conservation of our natural heritage and includes an intensive statewide biological inventory, field surveys, electronic and manual database management, environmental review capabilities, and natural area protection and stewardship. Through such a comprehensive operation, the Division identifies Natural Heritage Resources which are in need of conservation attention while creating an efficient means of evaluating the impacts of economic growth.

To achieve this protection, DCR-DNH maintains lists of the most significant elements of our natural diversity. These lists focus the Division's inventory on the Natural Heritage Resources most likely to be lost without conservation action in the near future. Most importantly, these lists are not only useful for DCR-DNH, but can be used by other agencies, organizations, and individuals to guide protection and development decision-making. In formulating these lists, the Division uses information from previous studies, museum records, the observations and opinions of experts, DCR-DNH staff scientists, and field inventories.

The first list included in this report is the Virginia Rare Vascular Plant List. This list contains information on the legal and biological status of Virginia's rarest known native vascular plant taxa, 606 in all. Comprising about 22% of our native flora, this list includes all plants believed to be sufficiently rare or threatened to merit an inventory of their status and locations.

The second list included in this report is the Virginia Vascular Plant Watchlist. This list contains information on the legal and biological status of 377 additional taxa which are uncommon or of uncertain status in Virginia. More information is needed on these plants, which may or may not be of high conservation concern at this time. Plants on this list, which comprise an additional 16% of our native plants, are monitored to determine general population trends. If a species or variety on this list is found to be rare or threatened, it is placed on the Virginia Rare Vascular Plant List.

The third list included in this report is the Virginia Rare Non-Vascular Plant List. This list contains information on the legal and biological status of 32 taxa thought to be rare in the state of Virginia. The lichens, liverworts, and mosses listed herein represent an attempt at designating imperiled species within this often-neglected group. The list is currently small compared to the vascular plant lists because the taxonomy and distributions of non-vascular plants are generally poorly known in Virginia at this time (with some exceptions). A large percentage of the listed species are mosses of the genus *Sphagnum*. These taxa are listed due to the field and herbarium work of Christopher A. Clampitt and Lewis E. Anderson, who resolved many of the taxonomic and distributional questions pertaining to *Sphagnum* in Virginia. Additional listings of non-vascular plants in future years are expected as our knowledge of this portion of the flora increases. Dean Walton, formerly Field Ecologist with the Division of Natural Heritage, has been instrumental in urging this listing of imperiled taxa and has given freely of his expertise and interest in non-vascular plants, especially lichens.

Natural Heritage Resource lists are necessarily dynamic and are revised annually, with updates occurring as data become available. Such revisions assure the most current knowledge of the status of Virginia's plants. Taxa are added to the list when it is determined that they have become rare or threatened to such an extent that their continued existence in Virginia is in jeopardy. Plants are deleted from the list when data indicate they are common and do not warrant priority conservation efforts.

If you have information which could refine this list, please contact DCR-DNH staff botanist John Townsend at (804) 225-4855 (email: [john.townsend@dcr.virginia.gov](mailto:john.townsend@dcr.virginia.gov)) or by mailing the Rare Species Sighting Form found at the end of this document.

All plants which are officially protected by federal or state endangered species acts are included in these lists. The Office of Plant Protection within the Virginia Department of Agriculture and Consumer Services (VDACS) has regulatory responsibility for the listing and protection of Virginia's endangered and threatened plants and insects under the Virginia Endangered Plant and Insect Act (Section 3.1 -1020 through 1030, *Code of Virginia*). The Act provides for the official listing and recovery of endangered and threatened plant and insect species in Virginia. The Act also establishes a permit system for collection of listed species. As of March 2005, there were 15 state-listed plant species. A memorandum of agreement between DCR-DNH and VDACS facilitates data transfer between agencies and allows for DCR-DNH to nominate species for listing by VDACS.

Federally listed species are protected by the Endangered Species Act of 1973, as amended. The U.S. Department of the Interior's Fish and Wildlife Service administers the Act, listing and protecting federally endangered and threatened species. As of March 2005, there were 16 plant species federally listed as endangered or threatened which occur or formerly occurred in Virginia.

The Virginia Department of Conservation and Recreation, Virginia Department of Agriculture and Consumer Services, and U. S. Fish and Wildlife Service work cooperatively to insure the continued survival of Virginia's diverse flora and other elements of natural diversity. The Division of Natural Heritage also works closely with other state and federal agencies, local governments, conservation organizations, and other organizations and individuals to seek adequate protection of Virginia's natural heritage.

## LIST FORMAT

The rare plant list and the watchlist are ordered alphabetically by scientific name. Each list has an identical format which presents six fields: scientific name, common name, global rank, state rank, federal status, and state status. To aid in the interpretation of the list, a brief explanation of each field follows:

### Column 1. Scientific name:

In most cases, nomenclature for vascular plants follows Kartesz, J.T. 1999. *A Synonymized Checklist and Atlas with Biological Attributes for the Vascular Flora of the United States, Canada, and Greenland*. First Edition. In: Kartesz, J.T., and C.A. Meacham. *Synthesis of the North American Flora, Version 1.0*. North Carolina Botanical Garden, Chapel Hill, NC. or A.S. Weakley *Flora of the Carolinas and Virginia* (In prep.). Since the user may not have access to these references, a line is provided below the scientific name to provide a synonymy when other names are used in popular botanical references. These references include the 3rd edition of the *Atlas of the Virginia Flora* by A.M. Harvill, Jr., T.R. Bradley, C.E. Stevens, T.F. Wieboldt, D.M.E. Ware, D.W. Ogle, G.W. Ramsey, and G.P. Fleming (1992), A.E Radford, H.E. Ahles, and C.R. Bell's *Manual of the Vascular Flora of the Carolinas* (1968), and M.L. Fernald's *Gray's Manual of Botany*, 8th edition (1950). The synonymy field is also used to give other pertinent taxonomic information and note when the nomenclature does not follow Kartesz. In addition to the synonymy line, a genus cross-reference is provided so that taxa treated in various genera by different authors can be easily located.

Nomenclature for lichens follows Esslinger, T.L. 1997. A cumulative checklist for the lichen-forming, lichenicolous, and allied fungi of the continental United States and Canada. North Dakota State University: <http://www.ndsu.nodak.edu/instruct/esslinge/chcklst/chcklst7.htm> (First Posted 1 December 1997, Most Recent Update 27 August 2001), Fargo, North Dakota.

Nomenclature for liverworts follows Hicks, Marie L. 1992. Guide to the Liverworts of North Carolina. Duke University Press, Durham, N.C. 239 pp.

Nomenclature for mosses follows the Bryophyte Names Authority List published online by the Missouri Botanical Garden at:

<http://www.mobot.org/MOBOT/tropicos/most/bryolist.shtml>

#### **Column 2. Common name:**

A common name is provided for the convenience of the user. Common names for plants are not standardized and many taxa have no entirely satisfactory common name.

#### **Column 3. Global rank:**

Global ranks are assigned by a consensus of the network of natural heritage programs, scientific experts, and The Nature Conservancy to designate a rarity rank based on the range-wide status of a species or variety. This system was developed by The Nature Conservancy and is widely used by other agencies and organizations as the best available scientific and objective assessment of a taxon's rarity and level of threat to its existence. The ranks are assigned after considering a suite of factors, including number of occurrences, number of individuals, and severity of threats.

**G1 = Critically Imperiled** - At very high risk of extinction due to extreme rarity (often 5 or fewer populations), very steep declines, or other factors.

**G2 = Imperiled** - At high risk of extinction due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors.

**G3 = Vulnerable** - At moderate risk of extinction due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors.

**G4 = Apparently Secure** - Uncommon but not rare; some cause for long-term concern due to declines or other factors.

**G5 = Secure** - Common, widespread and abundant.

**GH = Possibly Extinct** - Missing; known from only historical occurrences but still some hope of rediscovery.

**GX = Presumed Extinct** - Not located despite intensive searches and virtually no likelihood of rediscovery.

**GU = Unrankable** - Currently unrankable due to lack of information or due to substantially conflicting information about status or trends. Whenever possible, the most likely rank is assigned and the question mark qualifier is added (e.g., G2?) to express uncertainty, or a range rank (e.g., G2G3) is used to delineate the range of uncertainty.

**G\_? = Inexact Numeric Rank** - Denotes inexact numeric rank (e.g., G3?).

**G\_Q = Questionable taxonomy** - Taxonomic distinctiveness of this entity at the current level is questionable; resolution of this uncertainty may result in change from a species to a subspecies or hybrid, or the inclusion of this taxon in another taxon, with the resulting taxon having a lower conservation priority (e.g., G3Q).

**G\_T\_ = Infraspecific Taxa** - Signifies the rank of a subspecies or variety. For example, the rank GST1 would be assigned to a very rare and localized variety of an otherwise widespread and common taxon.

**GNR = Unranked** - Global rank not yet assessed.

**GNA = Not applicable** - A conservation status rank is not applicable because the species is not a suitable target for conservation activities.

#### **Column 4. State rank:**

State ranks are assigned in a manner similar to that described for global ranks, but consider only those factors within the political boundaries of Virginia. For example, whereas a plant which is endemic to Virginia (found nowhere else) will have the same global and state ranks, a plant which may be common in the northeastern United States, but only known from a few occurrences in Virginia will have different global and state ranks. By comparing the global and state ranks, the status, rarity, and the urgency of conservation needs can be ascertained.

**S1 = Critically Imperiled** - At very high risk of extirpation from the state due to extreme rarity (often 5 or fewer populations), very steep declines, or other factors.

**S2 = Imperiled** - At high risk of extirpation from the state due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors.

**S3 = Vulnerable** - At moderate risk of extirpation from the state due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors.

**S4 = Apparently Secure** - Uncommon but not rare; some cause for long-term concern due to declines or other factors.

**S5 = Secure** - Common, widespread and abundant.

**SH = Possibly Extirpated** - Known only from historical occurrences but still some hope of rediscovery.

**SX = Presumed Extirpated** - Not located despite intensive searches and virtually no likelihood of rediscovery.

**SU = Unrankable** - Currently unrankable due to lack of information or due to substantially conflicting information about status or trends.

**S\_? = Inexact Numeric Rank** - Denotes inexact numeric rank (e.g., S3?).

**SNR = Unranked** - State conservation status not yet assessed.

**SNA = Not Applicable** - A conservation status rank is not applicable because the species is not a suitable target for conservation activities.

#### **Column 5. Federal Status:**

Federal Status is determined by the U. S. Fish and Wildlife Service. This includes all species and varieties which are listed as endangered or threatened by the U. S. government and receive protection under the federal Endangered Species Act. The list also notes those taxa which are proposed for listing or are candidates for listing.

**LE = Listed Endangered** - A taxon is threatened with extinction throughout all or a significant portion of its range.

**LT = Listed Threatened** - A taxon is likely to become endangered in the foreseeable future.

**PE = Proposed Endangered** - A taxon is proposed for listing as endangered.

**PT = Proposed Threatened** - A taxon is proposed for listing as threatened.

**C = Candidate** - There is enough available information to propose the taxon for listing, but listing is "precluded by other pending proposals of higher priority". The U.S. Fish and Wildlife Service is "directed to make prompt use of the emergency listing if the well-being of any such species is at significant risk."

**\_\*** = An \* following the status denotes that the species or variety is possibly extinct.

#### **Column 6. State Status:**

State status indicates those plants which are listed as state endangered or threatened under the authority of the Virginia Department of Agriculture and Consumer Services.

**LE = Listed Endangered**

**LT = Listed Threatened**

**PE = Proposed Endangered**

**PT = Proposed Threatened**

**C = Candidate for listing as threatened or endangered**

## **ACKNOWLEDGEMENTS**

If not for the hard work of many biologists, these plant lists could not accurately reflect our current understanding of the Virginia flora. On the staff of the Division of Natural Heritage, a dedicated staff of botanists and ecologists, including Allen Belden, Phil Coulling, Gary Fleming, Chris Ludwig, Kathleen McCoy, Shelly Parrish, Karen Patterson, Gina Pisoni, Nancy Van Alstine, Dean Walton, Karen Patterson, Kristin Taverna, Irvine Wilson, Mike Leahy, and Darren Loomis have provided many comments to refine the content of the lists. Dean Walton has a keen interest in and understanding of non-vascular plants and their rarity in the state of Virginia and elsewhere, and has been instrumental in the listing of non-vascular plants herein. In addition to Heritage staff, the work of the Virginia Atlas Committee allows us a much greater understanding of the status of our botanical heritage. Our thanks go out to Alton Harvill, Ted Bradley, Doug Coleman, Gary Fleming, Doug Ogle, Gwynn Ramsey, Johnny Townsend, Donna Ware, Tom Weiboldt, and Robert Wright.

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## GENERA INDEX

If you can't find:

*Agave*  
*Agropyron*  
*Allium*  
*Arenaria*  
*Arenaria*  
*Arenaria*  
*Armoracea*  
*Asarum*  
*Aster*  
*Aster*  
*Bumelia*  
*Cacalia*  
*Cacalia*  
*Cacalia*  
*Calamintha*  
*Carduus*  
*Cassia*  
*Centunculus*  
*Callisia*  
*Convolvulus*  
*Croton*  
*Cynoctionum*  
*Dentaria*  
*Dichromena*  
*Diplachne*  
*Disporum*  
*Dracocephalum*  
*Erianthus*  
*Eupatoriadelphus*  
*Euphorbia*  
*Fleischmannia*  
*Gentiana*  
*Gerardia*  
*Gerardia*  
*Gillenia*  
*Habenaria*  
*Haplopappus*  
*Hedyotis*  
*Hedyotis*  
*Heterotheca*

Look under:  
*Manfreda*  
*Elymus*  
*Nothoscordum*  
*Honckenya*  
*Minuartia*  
*Moehringia*  
*Neobeckia*  
*Hexastylis*  
*Eurybia*  
*Symphyotrichum*  
*Sideroxylon*  
*Arnoglossum*  
*Hasteola*  
*Neobeckia*  
*Clinopodium*  
*Cirsium*  
*Chamaecrista*  
*Anagallis*  
*Cuthbertia*  
*Calystegia*  
*Crotonopsis*  
*Mitreola*  
*Cardamine*  
*Rhynchospora*  
*Leptochloa*  
*Prosartes*  
*Physostegia*  
*Saccharum*  
*Eupatorium*  
*Chamaesyce*  
*Eupatorium*  
*Gentianopsis*  
*Agalinis*  
*Aureolaria*  
*Porteranthus*  
*Platanthera*  
*Croptilon*  
*Houstonia*  
*Oldenlandia*  
*Chrysopsis*

*Houstonia*  
*Hypericum*  
*Isopyrum*  
*Jussiaea*  
*Leptoloma*  
*Lipocarpha*  
*Lippia*  
*Lophotocarpus*  
*Lycopodiella*  
*Lycopodium*  
*Lycopodium*  
*Manisuris*  
*Nemopanthus*  
*Panicum*  
*Panicum*  
*Panicum*  
*Pepis*  
*Potentilla*  
*Psilocarya*  
*Psoralea*  
*Psoralea*  
*Psoralea*  
*Pyrola*  
*Satureja*  
*Schrankia*  
*Scirpus*  
*Scirpus*  
*Senecio*  
*Seymeria*  
*Smilacina*  
*Solidago*  
*Solidago*  
*Sphaeralcea*  
*Tomanthera*  
*Tradescantia*  
*Triodia*  
*Uniola*  
*Verbena*  
*Xanthoxylum*

*Hedyotis*  
*Triadenum*  
*Enemion*  
*Ludwigia*  
*Digitaria*  
*Hemicarpa*  
*Phyla*  
*Sagittaria*  
*Peudolycopodiella*  
*Lycopodiella*  
*Peudolycopodiella*  
*Huperzia*  
*Coelorachis*  
*Ilex*  
*Dichanthelium*  
*Phanopyrum*  
*Steinchisma*  
*Didiplas*  
*Sibbaldiopsis*  
*Rhynchospora*  
*Onobrychis*  
*Orbexilum*  
*Pediomelum*  
*Orthilia*  
*Clinopodium*  
*Mimosa*  
*Isolepis*  
*Schoenoplectus*  
*Packeria*  
*Dasistoma*  
*Maianthemum*  
*Euthamia*  
*Oligoneuron*  
*Malvastrum*  
*Agalinis*  
*Cuthbertia*  
*Tridens*  
*Chasmantium*  
*Stylosodon*  
*Zanthoxylum*

*PART ONE:*

*VIRGINIA RARE VASCULAR PLANT LIST*



*Virginia Rare Vascular Plant List*

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Abies balsamea</i> (L.) P. Mill	Balsam fir	G5	S1		
<i>Abies fraseri</i> (Pursh) Poir.	Fraser fir	G2	S1		
<i>Adiantum capillus-veneris</i> L.	Southern maidenhair-fern	G5	SH		
<i>Aeschynomene virginica</i> (L.) B.S.P.	Sensitive joint-vetch	G2	S2	LT	
<i>Agalinis auriculata</i> (Michx.) Blake syn: <i>Gerardia fasciculata</i> Michx.. syn: <i>Tomanthera auriculata</i> (Michx.) Raf.	Earleaf foxglove	G3	S1		
<i>Agalinis paupercula</i> (Gray) Britt. syn: <i>Gerardia paupercula</i> (Gray) Britt.	Small-flower false-foxglove	G5	S1		
<i>Aletris aurea</i> Walt.	Golden colicroot	G5	S1		
<i>Alnus incana</i> (L.) Moench ssp. <i>rugosa</i> (Du Roi Clausen)	Speckled alder	G5T5	S2		
syn: <i>A. rugosa</i> (Du Roi) Spreng.					
<i>Amaranthus pumilus</i> Raf.	Seabeach amaranth	G2	S1	LT	
<i>Amelanchier nantucketensis</i> Bickn.	Nantucket shadbush	G3Q	S1		
<i>Amphicarpum purshii</i> Kunth	Blue maiden-cane	G4	S1		
<i>Anagallis minima</i> (L.) Krause syn: <i>Centunculus minimus</i> L.	Chaffweed	G5	SH		
<i>Anaphalis margaritacea</i> (L.) Benth. & Hook. f.	Pearly everlasting	G5	S1		
<i>Andropogon mohrii</i> (Hack.) Hack. ex Vasey	Mohr bluestem	G4?	SH		
<i>Anemone berlandieri</i> Pritz.	Eastern prairie anemone	G4?	S1		
<i>Anemone canadensis</i> L.	Canada anemone	G5	S1		
<i>Arabis glabra</i> (L.) Bernh.	Tower-mustard	G5T5	S1		
<i>Arabis hirsuta</i> (L.) Scop. var. <i>adpressipilis</i> (M. Hopkins) Rollins	Hairy rockcress	G5T4Q	S1S2		
All Virginia <i>A. hirsuta</i> is var. <i>adpressipilis</i>					
<i>Arabis patens</i> Sullivant	Spreading rockcress	G3	S2		
<i>Arabis serotina</i> Steele	Shale-barren rockcress	G2	S2	LE	LE
<i>Arabis shortii</i> (Fern.) Gleason syn: <i>A. perstellata</i> E.L. Braun var. <i>shortii</i> Fern.	Short's rockcress	G5	S2		
<i>Aralia hispida</i> Vent.	Bristly sarsaparilla	G5	S2		
<i>Arctostaphylos uva-ursi</i> (L.) Spreng.	Bearberry	G5	S1		
<i>Arenaria lanuginosa</i> (Michx.) Rohrb. ssp. <i>lanuginosa</i>	A sandwort	G5T5	SH		
All Virginia <i>A. lanuginosa</i> is var. <i>lanuginosa</i>					
<i>Arethusa bulbosa</i> L.	Dragon's mouth	G4	S1		
<i>Arnoglossum muehlenbergii</i> (Schultz-Bip.) H.E. Robins.	Great Indian-plantain	G4	S2		
syn: <i>Cacalia muhlenbergii</i> (Schultz-Bip.) Fern.					
<i>Asclepias longifolia</i> Michx.	Long-leaf milkweed	G4G5	S1		
<i>Asclepias purpurascens</i> L.	Purple milkweed	G5?	S2		
<i>Asclepias rubra</i> L.	Red milkweed	G4G5	S2		
<i>Asclepias tuberosa</i> L. ssp. <i>rolfsii</i> (Britt. ex Vail) Woods.	Sandhills butterflyweed	G5?T?	S1		

*Virginia Rare Vascular Plant List*

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Asplenium bradleyi</i> D.C. Eaton	Bradley's spleenwort	G4	S2		
<i>Astragalus distortus</i> Torr. & Gray var. <i>distortus</i> All Virginia <i>A. distortus</i> is var. <i>distortus</i>	Bent milkvetch	G5T?	S1		
<i>Astragalus neglectus</i> (Torr. & Gray) Sheldon	Cooper's milkvetch	G4	S2		
<i>Bacopa caroliniana</i> (Walt.) B.L. Robins.	Carolina water-hyssop	G4G5	SH		
<i>Bacopa innominata</i> (G.Maza) Alain Virginia material formerly named <i>B. stragula</i> Fern.	Tropical water-hyssop	G3G5	S2		LE
<i>Bacopa rotundifolia</i> (Michx.) Wettst. Virginia material formerly named <i>B. simulans</i> Fern.	Roundleaf water-hyssop	G5	S1		
<i>Baptisia albescens</i> Small Given as <i>B. alba</i> (L.) R. Brown in Fernald (1950) and Harvill et al. (1992)	Narrowpod white wild-indigo	G4	S1		
<i>Baptisia cinerea</i> (Raf.) Fern. & Schub.	Hairy wild-indigo	G3G4	SH		
<i>Bartonia verna</i> (Michx.) Raf. ex Bart.	Spring bartonia	G5?	S1		
<i>Betula cordifolia</i> Regel syn: <i>B. papyrifera</i> Marsh. var. <i>cordifolia</i> (Regel) Fern.	Mountain paper birch	G5T5	S2		
All Virginia <i>B. papyrifera</i> is var. <i>cordifolia</i>					
<i>Betula populifolia</i> Marsh.	Gray birch	G5	S1		
<i>Betula uber</i> (Ashe) Fern.	Virginia round-leaf birch	G1Q	S1	LT	LE
<i>Boltonia</i> sp. 1	A Boltonia	GNR	S1		
<i>Botrychium jenmanii</i> Underwood syn: <i>B. alabamense</i> Maxon	Alabama grape-fern	G3G4	S1		
<i>Botrychium lanceolatum</i> (Gmel.) Angstr. var. <i>angustisegmentum</i> Pease & Moore All Virginia <i>B. lanceolatum</i> is var. <i>angustisegmentum</i>	Lance-leaved grape-fern	G5T4	S1		
<i>Botrychium multifidum</i> (Gmel.) Trev.	Leathery grape-fern	G5	S1		
<i>Botrychium oneidense</i> (Gilbert) House	Blunt-lobe grape fern	G4Q	S2		
<i>Botrychium simplex</i> E. Hitchc.	Least grape-fern	G5	S1		
<i>Bromus ciliatus</i> L.	Fringed brome grass	G5	S1		
<i>Bromus kalmii</i> Gray	Wild chess	G5	S1		
<i>Buchnera americana</i> L.	Blue-hearts	G5?	S1S2		
<i>Buckleya distichophylla</i> (Nutt.) Torr.	Piratebush	G2	S2		LE
<i>Burmannia biflora</i> L.	Northern burmannia	G4G5	SH		
<i>Cabomba caroliniana</i> Gray	Carolina fanwort	G3G5	S1		
<i>Calamovilfa brevipilis</i> (Torr.) Scribn. var. <i>calvipes</i> Fern. not recognized	Pine barrens reedgrass	G4	S1		
<i>Calopogon pallidus</i> Chapman	Pale grass-pink	G4G5	S1		
<i>Calopogon tuberosus</i> (L.) B.S.P. var. <i>tuberous</i> All Virginia <i>C. tuberosus</i> is var. <i>tuberous</i>	Tuberous grass-pink	G5T5	S2		
<i>Calycanthus floridus</i> L. var. <i>floridus</i>	Sweet-shrub	G5T4	S2?		

*Virginia Rare Vascular Plant List*

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Calycanthus floridus</i> L. var. <i>glaucus</i> (Willd.) Torr. & Gray	Smooth sweet-shrub	G5T5	S1?		
<i>Camassia scilloides</i> (Raf.) Cory	Wild hyacinth	G4G5	S2		
<i>Campanula rotundifolia</i> L.	American harebell	G5	S1		
<i>Cardamine clematitis</i> Shuttlw. ex Gray	Mountain bittercress	G2G3	S1S2		
<i>Cardamine dissecta</i> (Leavenworth) Al-Shehbaz	Divided-leaved toothwort	G4?	S1		
syn: <i>Dentaria multifida</i> Muhl. ex Ell.					
<i>Cardamine flagellifera</i> O.E. Schulz	A bittercress	G3	S1		
<i>Cardamine micranthera</i> Rollins	Small-anthered bittercress	G1	S1	LE	
<i>Cardamine pratensis</i> L.	Cuckooflower	G5	S1		
Only native Virginia populations are monitored					
<i>Carex aestivaliformis</i> Mackenz.	A sedge	GNR	S1		
syn: <i>Carex x aestivaliformis</i> Mackenz.					
<i>Carex aquatilis</i> Wahlenb	Aquatic sedge	G5	S1		
syn: <i>C. aquatilis</i> var. <i>altior</i> (Rydberg) Fernald					
<i>Carex arctata</i> Boott ex Hook.	Black sedge	G5?	S1		
<i>Carex atherodes</i> Spreng.	Awned sedge	G5	S1		
<i>Carex barrattii</i> Schwein. & Torr.	Barratt's sedge	G4	S2		
<i>Carex bebbii</i> Olney ex Fern.	Bebb's sedge	G5	S1		
<i>Carex buxbaumii</i> Wahlenb.	Buxbaum's sedge	G5	S2		
<i>Carex conoidea</i> Schkuhr ex Willd.	Field sedge	G5	S1S2		
<i>Carex cramei</i> Dewey	Craw's sedge	G5	S2		
<i>Carex cristatella</i> Britt.	Crested sedge	G5	S2		
<i>Carex crus-corvi</i> Shuttlw. ex Kunze	Ravenfoot sedge	G5	S1S2		
<i>Carex decomposita</i> Muhl.	Cypress-knee sedge	G3	S2		
<i>Carex flava</i> L.	Green sedge	G5	S1		
<i>Carex interior</i> Bailey	Inland sedge	G5	S1		
<i>Carex juniperorum</i> Catling, Reznicek, & Crins	Juniper sedge	G2	S1		
<i>Carex lacustris</i> Willd.	Lake-bank sedge	G5	S1		
<i>Carex lasiocarpa</i> Ehrh var. <i>americana</i> Fern.	Slender sedge	G5T5	S1		
Does not include <i>C. lanuginosa</i> Michx.					
<i>Carex lupuliformis</i> Sartwell ex Dewey	False hop sedge	G4	S2		
Under <i>C. lupulina</i> Willd. in Harvill et al. (1992)					
<i>Carex manhartii</i> Bryson	Manhart's sedge	G3	S1		
<i>Carex oklahomensis</i> Mackenzie	Sooner sedge	G4	S1		
<i>Carex ormostachya</i> Wieg.	Necklace spike sedge	G4	SH		
<i>Carex pallescens</i> L.	Pale sedge	G5	S1		
<i>Carex polymorpha</i> Muhl.	Variable sedge	G3	S2		LE
<i>Carex prairea</i> Dewey ex Wood	Prairie sedge	G5?	S1		
<i>Carex reniformis</i> (Bailey) Small	Reniform sedge	G4?	SH		
<i>Carex roanensis</i> F.J. Herm	Roan Mountain sedge	G2	S2		
<i>Carex schweinitzii</i> Dewey ex Schwein.	Schweinitz's sedge	G3G4	S1		
<i>Carex silicea</i> Olney	Sea-beach sedge	G5	S1		

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Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Carex sp. 2 sp. nov.</i> Mountain species in Section <i>Acrocystis</i> ( <i>Montanae</i> )	A sedge	GNR	S1		
<i>Carex sp. 4 sp. nov.</i> Coastal plain species in Section <i>Acrocystis</i> ( <i>Montanae</i> )	A sedge	G?	S1		
<i>Carex sterilis</i> Willd.	Sterile sedge	G4	S1		
<i>Carex straminea</i> Willd. ex Schkuhr Does not include <i>C. hormathodes</i> Fern.	Straw sedge	G5	S1		
<i>Carex tenera</i> Dewey	Slender sedge	G5	S1?		
<i>Carex utriculata</i> Boott Given as <i>C. rostrata</i> Stokes in Fernald (1950) and Harvill et al. (1992)	Beaked sedge	G5	S1		
<i>Carex vesicaria</i> L.	Inflated sedge	G5	S1S2		
<i>Carex vestita</i> Willd.	Velvety sedge	G5	S2		
<i>Carphephorus bellidifolius</i> (Michx.) Torr. & Gray	Sandy-woods chaffhead	G4	S1		
<i>Carphephorus tomentosus</i> (Michx.) Torr. & Gray	Woolly chaffhead	G4	S1		
<i>Carya carolinae-septentrionalis</i> (Ashe) Engl. & Graebn.	Southern shagbark hickory	G5?	S1		
<i>Cerastium arvense</i> L. ssp. <i>velutinum</i> (Raf.) Ugborogho	A field chickweed	G5T4?	S2?		
<i>Chamaesyce bombensis</i> (Jacq.) Dugand syn: <i>Euphorbia ammannoides</i> Kunth	Southern beach spurge	G4G5	S2		
<i>Cheilanthes alabamensis</i> (Buckl.) Kunze	Alabama lipfern	G4G5	S1		
<i>Cheilanthes eatonii</i> Baker syn: <i>C. castanea</i> Maxon	Chestnut lipfern	G5?	S2		
<i>Cheilanthes feei</i> T. Moore	Fee's lipfern	G5	S1		
<i>Chelone cuthbertii</i> Small	Cuthbert turtlehead	G3	S2		
<i>Chelone obliqua</i> L.	Red turtlehead	G4	S1		
<i>Chrysopsis gossypina</i> (Michx.) Ell. syn: <i>Heterotheca gossypina</i> (Michx.) Shinners	Cottony golden-aster	G5	S1		
<i>Cicuta bulbifera</i> L.	Bulb-bearing water-hemlock	G5	SH		
<i>Cimicifuga rubifolia</i> Kearney	Appalachian bugbane	G3	S2		
<i>Cirsium altissimum</i> (L.) Hill syn: <i>Carduus altissimus</i> L.	Tall thistle	G5	SH		
<i>Cirsium carolinianum</i> (Walt.) Fern. & Schub. syn: <i>Carduus carolinianus</i> Walt.	Carolina thistle	G5	S1		
<i>Cirsium nuttallii</i> DC. syn: <i>Carduus nuttallii</i> (DC.) Pollard	Nuttall's thistle	G5	SH		
<i>Cirsium repandum</i> Michx. syn: <i>Carduus repandus</i> (Michx.) Pers.	Coastal-plain thistle	G5	SH		
<i>Cirsium virginianum</i> (L.) Michx. syn: <i>Carduus virginianus</i> L.	Virginia thistle	G3	S2		

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Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Cladium jamaicense</i> Crantz syn: <i>C. mariscus</i> (L.) Pohl ssp. <i>jamaicense</i> (Crantz) Kukenth	Sawgrass	G5T5	S2		
<i>Cleistes bifaria</i> (Fern.) Catling & Gregg	Small spreading pogonia	G3G4	S1		
<i>Cleistes divaricata</i> (L.) Ames	Spreading pogonia	G4	S1		
<i>Clematis addisonii</i> Britt.	Addison's leatherflower	G2	S2		
<i>Clematis catesbyana</i> Pursh Under <i>C. virginiana</i> L. in Radford et al. (1968)	Satin-curls	G4G5	S1		
<i>Clematis glaucocephala</i> Small	White-leaved leatherflower	G4?	SH		
<i>Clematis occidentalis</i> (Hornem.) DC. var. <i>occidentalis</i> syn: <i>C. verticillatus</i> DC. All Virginia <i>C. occidentalis</i> is var. <i>occidentalis</i>	Purple clematis	G5T5	S2		
<i>Clematis viticaulis</i> Steele	Millboro leatherflower	G2	S2		
<i>Clinopodium glabellum</i> (Michx.) Kuntze syn: <i>Calamintha glabella</i> (Michx.) Benth. syn: <i>Satureja glabella</i> (Michx.) Briq.	Savory	G3Q	SH		
<i>Cocculus carolinus</i> (L.) A. DC. Only native Virginia populations are monitored	Red-berried moonseed	G5	S1		
<i>Coelorachis rugosa</i> (Nutt.) Nash syn: <i>Manisuris rugosa</i> (Nutt.) Kuntze	Wrinkled jointgrass	G5	S1		
<i>Collinsia verna</i> Nutt.	Eastern blue-eyed Mary	G5	S2		
<i>Collinsonia verticillata</i> Baldw.	Whorled horse-balm	G3	S1		
<i>Conioselinum chinense</i> (L.) B.S.P.	Hemlock parsley	G5	S1		
<i>Corallorrhiza bentleyi</i> Freudenstein	Bentley's coralroot	G1G2	S1		
<i>Corallorrhiza maculata</i> (Raf.) Raf. var. <i>occidentalis</i> (Lindl.) Cockerell	Western spotted coralroot	G5T?	S1		
<i>Coreopsis falcata</i> Boynton	Pool coreopsis	G4G5	S1		
<i>Coreopsis linifolia</i> Nutt syn: <i>C. oniscicarpa</i> Fern.	Atlantic tickseed	G4Q	S1		
<i>Cornus canadensis</i> L.	Bunchberry	G5	S1		
<i>Cornus rugosa</i> Lam.	Roundleaf dogwood	G5	S1		
<i>Cornus sericea</i> L. ssp. <i>sericea</i> syn: <i>C. stolonifera</i> Michx., all Virginia <i>C. sericea</i> L. is ssp. <i>sericea</i>	Red-osier dogwood	G5T5	S1		
<i>Crataegus calpodendron</i> (Ehrh.) Medik.	Pear hawthorn	G5	S1		
<i>Crataegus mollis</i> Scheele	A hawthorn	G5	S1		
<i>Crataegus pruinosa</i> (Wendl. f.) K. Koch Under <i>C. flabellata</i> (Spach.) Kirchn. In Radford et al. (1968)	A hawthorn	G5	S2		
<i>Crataegus spathulata</i> Michx.	A hawthorn	G5	S1		
<i>Crataegus succulenta</i> Schrad. ex Link	Fleshy hawthorn	G5	S1		

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Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Crotalaria purshii</i> DC.	A rattle-box	G5	S2		
<i>Crotalaria rotundifolia</i> Walt. ex J.F. Gmel. syn: <i>C. angulata</i> P. Mill.	Prostrate rattle-box	G5	SH		
<i>Ctenium aromaticum</i> (Walt.) Wood	Toothache grass	G5	S1		
<i>Cuscuta cephalanthi</i> Engelm.	Button-bush dodder	G5	S1?		
<i>Cuscuta coryli</i> Engelm.	Hazel dodder	G5	S2?		
<i>Cuscuta indecora</i> Choisy	Pretty dodder	G5	S2?		
<i>Cuscuta polygonorum</i> Engelm.	Smartweed dodder	G5	S2?		
<i>Cuscuta rostrata</i> Shuttlw. ex Engelm. & Gray	Beaked dodder	G4	S2		
<i>Cuthbertia graminea</i> Small syn: <i>Tradescantia rosea</i> Vent. var. <i>graminea</i> (Small) E.S. Anderson & Woods	Grass-like roselings	G5	S1		
syn: <i>Callisia graminea</i> (Small) G. Tucker					
<i>Cyperus acuminatus</i> Torr. & Hook. ex Torr.	Short-point flatsedge	G5	SH		
<i>Cyperus dentatus</i> Torr.	Toothed flatsedge	G4	S1		
<i>Cyperus diandrus</i> Torr.	Umbrella flatsedge	G5	S1		
<i>Cyperus engelmannii</i> Steud.	Engelmann's flatsedge	G4Q	S1		
Under <i>C. odoratus</i> L. in Kartesz (1999) and Harvill et al. (1992)					
<i>Cyperus granitophilus</i> McVaugh	Granite-loving flatsedge	G3Q	S1		
<i>Cyperus houghtonii</i> Torr.	Houghton's flatsedge	G4?	SH		
<i>Cyperus plukenetii</i> Fern.	Plukenet's flatsedge	G5	S2		
<i>Cypripedium candidum</i> Muhl. ex Willd.	Small white lady's-slipper	G4	S1		
<i>Cypripedium kentuckiense</i> C.F. Reed	Kentucky lady's-slipper	G3	S1		
<i>Cypripedium reginae</i> Walt.	Showy lady's-slipper	G4	S1		
<i>Cystopteris fragilis</i> (L.) Bernh. Does not include <i>C. tenuis</i> (Michx.) Desv.	Fragile fern	G5	S1?		
<i>Cystopteris tennesseensis</i> Shaver	Tennessee bladderfern	G5	S1		
<i>Dalibarda repens</i> L.	Robin-runaway	G5	S1		
<i>Dasistoma macrophylla</i> (Nutt.) Raf. syn: <i>Seymeria macrophylla</i> (Nutt.) Raf.	Mullein foxglove	G4	S1		
<i>Deschampsia caespitosa</i> (L.) Beauv.	Tufted hairgrass	G5	S1		
<i>Desmodium canadense</i> (L.) DC.	Showy tick-trefoil	G5	S1		
<i>Desmodium cuspidatum</i> (Muhl. ex Willd.) DC. ex Loud. var. <i>cuspidatum</i> All Virginia <i>D. cuspidatum</i> is var. <i>cuspidatum</i>	Toothed tick-trefoil	G5T5?	S2		
<i>Desmodium ochroleucum</i> M.A. Curtis ex Canby	Creamflower tick-trefoil	G1G2	SH		
<i>Desmodium sessilifolium</i> (Torr.) Torr. & Gray	Sessile-leaf tick-trefoil	G5	S2		
<i>Desmodium strictum</i> (Pursh) DC.	Pineland tick-trefoil	G4	S2		
<i>Desmodium tenuifolium</i> Torr. & Gray	Slim-leaf tick-trefoil	G4	S1		
<i>Diamorpha smallii</i> Britt. ex Small	Small's stonecrop	G4	S1		

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<i>syn: Sedum smallii</i> (Britton ex Small) Ahles					
<b><i>Diarrhena obovata</i> (Gleason)</b> Brandenburg	Western beakgrain	G4G5	S1		
<i>syn: D. americana</i> Beauv. var. <i>obovata</i> Gleason					
<b><i>Dichanthelium annulum</i> (Ashe)</b> LeBlond	Ringed panic grass	G5TNRQ	S1		
<i>syn: Panicum annulum</i> Ashe					
<b><i>Dichanthelium caerulescens</i> (Hack. ex Hitchc.)</b> Correll	Blue witch grass	G2G3	S1		
<i>syn: Panicum caerulescens</i> Hack ex A.S. Hitchc.					
Under <i>D. dichotomum</i> (L.) Gould in Harvill et al. (1992), Under <i>D. dichotomum</i> (L.) Gould var. <i>dichotomum</i> in Kartesz (1999)					
<b><i>Dichanthelium consanguineum</i> (Kunth)</b> Gould & C.A. Clark	Blood panic grass	G5	S1?		
<i>syn: Panicum consanguineum</i> Kunth					
<b><i>Dichanthelium ovale</i> (Ell.) Gould &amp; C. A. Clark</b> var. <i>Ovale</i>	Oval-fruited panic grass	G5T5	S1?		
<i>syn: Panicum ovale</i> Ell. var. <i>ovale</i>					
<b><i>Dichanthelium strigosum</i> (Muhl. ex Ell.) Freckmann</b>	Rough-hair panic grass	G5T5	S1?		
var. <i>strigosum</i>					
<i>syn: Panicum strigosum</i> Muhl. ex Ell. var. <i>strigosum</i>					
<b><i>Didiplis diandra</i> (Nutt. ex DC.) Wood</b>	Water-purslane	G5	S1		
<i>syn: Peplis diandra</i> Nutt. ex DC.					
<b><i>Digitaria cognata</i> (J.A. Schultes)</b> Pilger	Fall witch grass	G5	S2		
<i>syn: Leptoloma cognata</i> (J.A. Schultes) Chase					
<b><i>Digitaria serotina</i> (Walt.) Michx.</b>	Dwarf crabgrass	G5?	SH		
<b><i>Echinacea laevigata</i> (C.L. Boynt. &amp; Beadle)</b> Blake	Smooth coneflower	G2	S2	LE	
<b><i>Echinocystis lobata</i> (Michx.) Torr. &amp; Gray</b>	Wild mock-cucumber	G5	S1?		
<b><i>Echinodorus tenellus</i> (Mart.) Buch.</b>	Dwarf burhead	G5?	S1		
<i>syn: Echinodorus parvulus</i> Engelm.					
<b><i>Elatine minima</i> (Nutt.) Fisch. &amp; C.A. Mey.</b>	Small waterwort	G5	S1		
<b><i>Eleocharis baldwinii</i> (Torr.) Chapman</b>	Baldwin spikerush	G4G5	S1		
<b><i>Eleocharis compressa</i> Sullivant</b>	Flattened spikerush	G4	S2		
Under <i>E. elliptica</i> Kunth in Harvill et al. (1992)					
<b><i>Eleocharis equisetoides</i> (Ell.) Torr.</b>	Horse-tail spikerush	G4	S1		
<b><i>Eleocharis halophila</i> (Fern. &amp; Brack.) Fern. &amp; Brack.</b>	Salt-marsh spikerush	G4	S1		
<b><i>Eleocharis intermedia</i> J.A. Schultes</b>	Matted spikerush	G5	S1		
<b><i>Eleocharis melanocarpa</i> Torr.</b>	Black-fruited spikerush	G4	S2		
<b><i>Eleocharis radicans</i> (A. Dietr.) Kunth</b>	Rooted spikerush	G5	SH		
<b><i>Eleocharis robbinsii</i> Oakes</b>	Robbins spikerush	G4G5	S1		
<b><i>Eleocharis tricostata</i> Torr.</b>	Three-angle spikerush	G4	S1		
<b><i>Eleocharis vivipara</i> Link</b>	Viviparous spikerush	G5	S1		
<b><i>Elymus canadensis</i> L.</b>	Nodding wild rye	G5	S2?		

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<i>Elymus trachycaulus</i> (Link) Gould ex Shinners ssp. <i>trachycaulus</i>	Slender wheatgrass	G5T5	S2		
syn: <i>Agropyron trachycaulum</i> (Link) Malte ex H.F. Lewis					
All Virginia <i>E. trachycaulus</i> is ssp. <i>trachycaulus</i>					
<i>Enemion biternatum</i> Raf.	False rue-anemone	G5	S1		
syn: <i>Isopyrum biternatum</i> (Raf.) Torr. & Gray					
<i>Epilobium leptophyllum</i> Raf.	Linear-leaved willow-herb	G5	S2		
<i>Equisetum fluviatile</i> L.	Water horsetail	G5	S1		
<i>Equisetum sylvaticum</i> L.	Woodland horsetail	G5	S1		
<i>Erigeron vernus</i> (L.) Torr. & Gray	White-top fleabane	G5	S2		
<i>Eriocaulon aquaticum</i> (Hill) Druce	Seven-angled pipewort	G5	S1		
syn: <i>E. septangulare</i> Withering					
syn: <i>E. pellucidum</i> Michx.					
<i>Eriocaulon decangulare</i> L.	Ten-angle pipewort	G5	S2		
<i>Eriocaulon parkeri</i> B.L. Robins.	Parker's pipewort	G3	S2		
<i>Eryngium integrifolium</i> Walt.	Savanna eryngo	G5	S1		
<i>Eryngium yuccifolium</i> Michx. var. <i>yuccifolium</i>	Rattlesnake-master	G5T?	S2		
All Virginia <i>E. yuccifolium</i> is var. <i>yuccifolium</i>					
<i>Erysimum capitatum</i> (Dougl. ex Hook.) Greene var. <i>capitatum</i>	Western wallflower	G5T5	S2		
All Virginia <i>E. capitatum</i> is var. <i>capitatum</i>					
<i>Erythronium albidum</i> Nutt.	White trout-lily	G5	S2		
<i>Eupatorium glaucescens</i> Ell.	Wedge-leaf thoroughwort	G5	S1		
syn: <i>E. cuneifolium</i> Willd.					
<i>Eupatorium incarnatum</i> Walt.	Pink thoroughwort	G5	S2		
syn: <i>Fleischmannia incarnata</i> (Walt.) King & H.E. Robins.					
<i>Eupatorium maculatum</i> L. var. <i>maculatum</i>	Spotted joe-pye weed	G5T5	S2		
syn: <i>Eupatoriadelphus maculatus</i> (L.) King & H.E. Robins.					
All Virginia <i>E. maculatum</i> is var. <i>maculatum</i>					
<i>Euphorbia esculenta</i> (Small) Coker	Coastal-sand spurge	G4?	S1		
<i>Euphorbia purpurea</i> (Raf.) Fern.	Glade spurge	G3	S2		
<i>Eurybia radula</i> (Ait.) Nesom	Rough-leaved aster	G5	S1		
syn: <i>Aster radula</i> Ait.					
<i>Eurybia surculosa</i> (Michx.) Nesom	Creeping aster	G4G5	S1		
syn: <i>Aster surculosus</i> Michx.					
<i>Filipendula rubra</i> (Hill) B.L. Robins.	Queen-of-the-prairie	G4G5	S2		
<i>Fimbristylis perpusilla</i> Harper ex Small & Britt.	Harper's fimbry	G2	S1		LE

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<i>Fimbristylis puberula</i> (Michx.) Vahl var. <i>puberula</i> Under <i>F. spadicea</i> (L.) Vahl. in Radford et al. (1968) Under <i>F. caroliniana</i> (Lam.) Fern. in Fernald (1950) All Virginia <i>F. puberula</i> is var. <i>puberula</i>	Hairy fimbry	G5T?	S1		
<i>Fragaria vesca</i> L. ssp. <i>americana</i> (Porter) Staudt All native <i>F. vesca</i> is ssp. <i>americana</i>	Woodland strawberry	G5T?	S2?		
<i>Fuirena breviseta</i> (Coville) Coville Under <i>F. squarrosa</i> Michx. in Radford et al. (1968)	An umbrella sedge	G5	SH		
<i>Gaylussacia brachycera</i> (Michx.) Gray	Box huckleberry	G2G3	S2		
<i>Gentiana autumnalis</i> L.	Pine-barren gentian	G3	S1		
<i>Gentiana linearis</i> Froel.	Narrow-leaved gentian	G4G5	S1?		
<i>Gentianella quinquefolia</i> (L.) Small ssp. <i>occidentalis</i> (Gray) J. Gillett	Western stiff gentian	G5T?	S1?		
<i>Gentianopsis crinita</i> (Froel.) Ma syn: <i>Gentiana crinita</i> Froel.	Fringed gentian	G5	S1		
<i>Geranium robertianum</i> L.	Herb-robert	G5	S2		
<i>Geum aleppicum</i> Jacq.	Yellow avens	G5	SH		
<i>Geum laciniatum</i> var. <i>laciniatum</i>	Rough avens	G5T?	S1		
<i>Geum laciniatum</i> Murr. var. <i>trichocarpum</i> Fern.	Rough avens	G5T?	S2?		
<i>Glyceria grandis</i> S. Wats. var. <i>grandis</i> All Virginia <i>G. grandis</i> is var. <i>grandis</i>	American managrass	G5T?	S1		
<i>Glyceria laxa</i> (Scribn.) Scribn.	Northern managrass	G5	S1?		
<i>Gnaphalium macounii</i> Greene syn: <i>G. viscosum</i> Kunth	Winged cudweed	G5	S1		
<i>Gnaphalium uliginosum</i> L.	Low cudweed	G5	S1		
<i>Goodyera repens</i> (L.) R. Br. ex Ait. f. var. <i>ophioides</i> Fern.	Dwarf rattlesnake plantain	G5T?Q	S2?		
All Virginia <i>G. repens</i> is var. <i>ophioides</i>					
<i>Hasteola suaveolens</i> (L.) Pojark.	Sweet-scented Indian-plantain	G3G4	S2		
syn: <i>Cacalia suaveolens</i> (L.) Pojark. syn: <i>Synosma suaveolens</i> Raf. ex Britt.					
<i>Hedyotis nigricans</i> (Lam.) Fosberg syn: <i>Houstonia nigricans</i> (Lam.) Fern.	Barren bluets	G5	S1		
<i>Helenium brevifolium</i> (Nutt.) Wood	Shortleaf sneezeweed	G3G4	S2		
<i>Helenium virginicum</i> Blake	Virginia sneezeweed	G2	S2	LT	LE
<i>Helianthemum bicknellii</i> Fern.	Plains frostweed	G5	S1		
<i>Helianthemum propinquum</i> Bickn.	Low frostweed	G4	S1		
<i>Helianthus occidentalis</i> Riddell Virginia ssp. not yet determined	Western sunflower	G5	S1		
<i>Heliotropium curassavicum</i> L.	Seaside heliotrope	G5	S1		
<i>Helonias bullata</i> L.	Swamp-pink	G3	S2S3	LT	LE

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Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Hemicarpha micrantha</i> (Vahl) Pax syn: <i>Lipocarpha micrantha</i> (Vahl) G. Tucker	Dwarf bulrush	G5	S1		
<i>Heteranthera multiflora</i> (Griseb.) Horn	Multiflowered mud-plantain	G4	S1		
<i>Heuchera alba</i> Rydb.	White alumroot	G2Q	S2?		
<i>Heuchera caroliniana</i> (Rosendahl, Butters & Lakela) E. Wells	Carolina alumroot	G3	S1		
<i>Hexastylis shuttleworthii</i> (Britten & Baker) Small var. <i>shuttleworthii</i>	Large-flowered heartleaf	G4T4	S2?		
All Virginia <i>H. shuttleworthii</i> is var. <i>shuttleworthii</i>					
<i>Hierochloe odorata</i> (L.) Beauv. ssp. <i>odorata</i>	Vanilla grass	G5T5	S1		
<i>Honkenya peploides</i> (L.) Ehrh. ssp. <i>robusta</i> (Fern.) Hulten	Sea-beach sandwort	G5T4	SH		
	syn: <i>Honkenya peploides</i> (L.) Ehrh.				
	syn: <i>Arenaria peploides</i> L. var. <i>robusta</i> Fern.				
	All Virginia <i>H. peploides</i> is ssp. <i>robusta</i>				
<i>Hordeum jubatum</i> L.	Fox-tail barley	G5	S1		
Only native Virginia occurrences are monitored					
<i>Houstonia canadensis</i> Willd. ex Roemer & J.A. Schultes	Canada bluets	G4G5	S2		
	syn: <i>Hedyotis canadensis</i> (Willd. ex Roemer & J.A. Schultes) Fosberg				
<i>Huperzia appalachiana</i> Beitel & Mickel	Appalachian fir clubmoss	G4G5	S2		
Under <i>Lycopodium selago</i> L. in Harvill et al. (1992), Radford et al. (1968), and Fernald (1950)					
<i>Huperzia porophila</i> (Lloyd & Underwood) Holub	Rock clubmoss	G4	S1		
syn: <i>Lycopodium porophilum</i> Lloyd & Underwood					
<i>Hydrocotyle bonariensis</i> Comm. ex Lam.	Coastal water-pennywort	G5	S1?		
<i>Hypericum adpressum</i> Raf. ex W. Bart.	Creeping St. John's-wort	G3	S1		
<i>Hypericum boreale</i> (Britt.) Bickn.	Northern St. John's-wort	G5	S2		
<i>Hypericum denticulatum</i>	Coppery St. John's-wort	G5	SH		
Does not include <i>H. virgatum</i> (= <i>H. denticulatum</i> var. <i>acutifolium</i> Ell.)					
<i>Hypericum ellipticum</i> Hook.	Pale St. John's-wort	G5	SH		
<i>Hypericum setosum</i> L.	A St. John's-wort	G4G5	S1S2		
<i>Hypoxis sessilis</i> L.	Glossy-seeded stargrass	G4	SH		
Includes <i>H. longii</i> Fern.					
<i>Ilex collina</i> Alexander	Long-stalked holly	G3	S2		LE
syn: <i>Nemopanthus collinus</i> (Alexander) R. Clark					

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<i>Ilex coriacea</i> (Pursh) Chapman	Bay-gall holly	G5	S2		
<i>Iliamna corei</i> Sheriff  Under <i>I. rivularis</i> (Dougl. ex Hook.) Greene var. <i>rivularis</i> in Kartesz (1999)	Peter's Mountain-mallow	G1Q	S1	LE	LE
<i>Iliamna remota</i> Greene  Under <i>I. rivularis</i> (Dougl. ex Hook.) Greene var. <i>rivularis</i> in Kartesz (1999)	Kankakee globe-mallow	G1Q	S1		
<i>Isoetes appalachiana</i> Brunton & Britton	Appalachian quillwort	G4	S2?		
<i>Isoetes hyemalis</i> Brunton	Winter quillwort	G2G3	S2		
<i>Isoetes lacustris</i> L.  Given as <i>I. macrospora</i> Durieu in Harvill et al. (1992)	Lake quillwort	G5	S1?		
<i>Isoetes melanopoda</i> Gay & Durieu ex Durieu	Blackfoot quillwort	G5	S1?		
<i>Isoetes piedmontana</i> (N.E. Pfeiffer) C.F. Reed	Piedmont quillwort	G3	S1?		
<i>Isoetes virginica</i> N.E. Pfeiffer	Virginia quillwort	G1	S1?		
<i>Isotria medeoloides</i> (Pursh) Raf.	Small whorled pogonia	G2	S2	LT	LE
<i>Iva imbricata</i> Walt.	Sea-coast marsh-elder	G5?	S1S2		
<i>Juncus abortivus</i> Chapman	Pine-barren rush	G4G5	S1		
<i>Juncus articulatus</i> L.	Jointed rush	G5	S1S2		
<i>Juncus balticus</i> Willd. var. <i>littoralis</i> Engelm.  All Virginia <i>J. balticus</i> is var. <i>littoralis</i>	Baltic rush	G5T5	S1		
<i>Juncus brachycephalus</i> (Engelm.) Buch.	Small-headed rush	G5	S2		
<i>Juncus brevicaudatus</i> (Engelm.) Fern.	Narrow-panicked rush	G5	S2		
<i>Juncus caesariensis</i> Coville	New Jersey rush	G2	S2		
<i>Juncus elliottii</i> Chapman	Bog rush	G4G5	S1S2		
<i>Juncus megacephalus</i> M.A. Curtis	Big-headed rush	G4G5	S2		
<i>Juncus nodosus</i> L.	Knotted rush	G5	S1		
<i>Juncus pelocarpus</i> E. Mey.	Brown-fruited rush	G5	S1		
<i>Juncus torreyi</i> Coville	Torrey's rush	G5	S2		
<i>Juncus trifidus</i> L.	Highland rush	G5	S1		
<i>Juniperus communis</i> L. var. <i>depressa</i> Pursh  All Virginia <i>J. communis</i> is var. <i>depressa</i>	Ground juniper	G5T5	S1		
<i>Kalmia angustifolia</i> L.	Sheep-laurel	G5	S2		
<i>Kalmia carolina</i> Small  syn: <i>Kalmia anugustifolia</i> L. var. <i>caroliniana</i> (Small) Fernald	Carolina sheep-laurel	G4	S2		
<i>Lachnanthes caroliniana</i> (Lam.) Dandy  syn: <i>L. caroliana</i> (Lam.) Dandy syn: <i>L. tinctoria</i> (G.F. Gmel.) Ell.	Redroot	G4	SH		
<i>Lachnocalon anceps</i> (Walt.) Morong	Bog-buttons	G5	S2		
<i>Lathyrus palustris</i> L.	Vetchling	G5	S1		
<i>Lechea intermedia</i> Leggett ex Britt. var. <i>intermedia</i>	Narrowleaf pinweed	G5T?	S1?		

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All Virginia <i>L. intermedia</i> is var. <i>intermedia</i>					
<i>Leersia hexandra</i> Sw.	Club-head cutgrass	G5	SH		
<i>Lemna trisulca</i> L.	Star duckweed	G5	S1		
<i>Leucothoe fontanesiana</i> (Steud.) Sleumer	Highland dog-hobble	G5	S1S2		
syn: <i>L. editorum</i> Fern. & Schub.					
syn: <i>L. axillaris</i> (Lam.) D. Don var. <i>editorum</i> (Fern. & Shub.) Ahles					
<i>Lilaeopsis carolinensis</i> Coulter. & Rose	Carolina lilaeopsis	G3G5	S1		
syn: <i>L. attenuata</i> (Hook. & Arn.) Fern.					
<i>Lilium catesbaei</i> Walt.	Southern red lily	G4	S1		
<i>Lilium grayi</i> S. Wats.	Gray's lily	G3	S2		
Includes low-elevation (< 1200 m.) occurrences, which are likely intergrades between <i>L. grayi</i> and <i>L. canadense</i> (syn: <i>L. x</i> <i>pseudograyi</i> Grove)					
<i>Lilium pyrophilum</i> M.W. Skinner & Sorrie	Sandhills lily	G2?Q	S1		
<i>Limosella australis</i> R. Br.	Mudwort	G4G5	SH		
syn: <i>L. subulata</i> Ives					
<i>Liparis loeselii</i> (L.) L.C. Rich.	Bog twayblade	G5	S2		
<i>Lipocarpha maculata</i> (Michx.) Torr.	American lipocarpha	G5	S1		
<i>Lithospermum caroliniense</i> (Walt. ex J.F. Gmel.) MacM.	Golden puccoon	G4G5	S1		
<i>Litsea aestivalis</i> (L.) Fern.	Pondspice	G3	S1		
<i>Lobelia elongata</i> Small	Elongated lobelia	G4G5	S1		
<i>Lotus helleri</i> Britt.	Carolina prairie- trefoil	G3T3	S1		
syn: <i>L. purshianus</i> F.E. & E.G. Clements var. <i>helleri</i> (Britton) Isely					
syn: <i>L. unifoliatus</i> (Hook.) Benth. var. <i>helleri</i> (Britt.) Kartesz & Ghandi					
<i>Ludwigia alata</i> Ell.	Winged seedbox	G4	S1		
<i>Ludwigia brevipes</i> (B.H. Long ex Britt., A. Braun & Small) Eames	Long beach seedbox	G2G4	S2		
<i>Ludwigia hirtella</i> Raf.	Rafinesque's seedbox	G5	S1		
<i>Ludwigia pilosa</i> Walt.	Hairy seedbox	G5	S1		
<i>Ludwigia ravenii</i> Peng	Raven's seedbox	G2?	S1		
<i>Ludwigia repens</i> J.R. Forst.	Creeping seedbox	G5	S1		
<i>Ludwigia virgata</i> Michx.	Savanna seedbox	G5	SH		
<i>Lycopodiella inundata</i> (L.) Holub	Northern bog clubmoss	G5	S1		
syn: <i>Lycopodium inundatum</i> L.					
<i>Lycopodiella marginariae</i> J.G. Bruce, W.H. Wagner, & Beitel	Northern prostrate clubmoss	G2	S1		
<i>Lysimachia hybrida</i> Michx.	Lowland loosestrife	G5	S2		
<i>Lysimachia quadriflora</i> Sims	Smooth loosestrife	G5?	S1		
<i>Lysimachia radicans</i> Hook.	Trailing loosestrife	G4G5	SH		
<i>Lythrum alatum</i> Pursh var. <i>alatum</i>	Winged loosestrife	G5T5	S2		
syn: <i>Lythrum alatum</i> Pursh var. <i>alatum</i>					

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Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Lythrum lanceolatum</i> Ell.	Lance-leaved loosestrife	G5T5	SH		
	syn: <i>Lythrum alatum</i> Pursh var. <i>lanceolatum</i> (Ell.) Torr. & Gray ex Rothrock				
<i>Magnolia macrophylla</i> Michx.	Bigleaf magnolia	G5	S1		
<i>Maianthemum stellatum</i> (L.) Link	Starry false solomon's-seal	G5	S2?		
	syn: <i>Smilacina stellata</i> (L.) Desf.				
<i>Malvastrum hispidum</i> (Pursh) Hochr.	Hispid falsemallow	G5	S1		
	syn: <i>Sphaeralcea angusta</i> (Gray) Fern.				
<i>Manfreda virginica</i> (L.) Salisb. ex Rose	False aloe	G5	S2		
	syn: <i>Agave virginica</i> L.				
<i>Marshallia obovata</i> (Walt.) Beadle & F.E. Boynt. var. <i>obovata</i>	Obovate marshallia	G4G5T?	S2		
	All Virginia <i>M. obovata</i> is var. <i>obovata</i>				
<i>Marshallia</i> sp. 1	A piedmont Marshallia	GNR	S1		
<i>Matelea decipiens</i> (Alexander) Woods.	Old-field milkvine	G5	S1		
<i>Matteuccia struthiopteris</i> (L.) Todaro var. <i>pensylvanica</i> (Willd.) C.V. Morton	Ostrich fern	G5T5	S1		
	All Virginia <i>M. struthiopteris</i> is var. <i>pensylvanica</i>				
<i>Melica nitens</i> (Scribn.) Nutt. ex Piper	Three-flower melic	G5	S1S2		
<i>Menyanthes trifoliata</i> L.	Buckbean	G5	S1		
<i>Micranthemum micranthemooides</i> (Nutt.) Wettst.	Nuttall's micranthemum	GH	SH		
<i>Micranthemum umbrosum</i> (J.F. Gmel.) Blake	Shade mudflower	G5	S1		
<i>Mimosa quadrivalvis</i> L. var. <i>angustata</i> (Torr. & Gray) Barneby	Little-leaf sensitive-briar	G5T5	S2		
	syn: <i>Schrankia microphylla</i> (Dry.) J.F. MacBr., under <i>Mimosa microphylla</i> Dry. in Kartesz (1999).				
	All Virginia <i>M. quadrivalvis</i> is var. <i>angustata</i>				
<i>Mimulus moschatus</i> Dougl. ex Lindl.	Muskflower	G4G5	S1		
<i>Minuartia caroliniana</i> (Walt.) Mattf.	Pine-barren sandwort	G5	SH		
	syn: <i>Arenaria caroliniana</i> Walt.				
<i>Minuartia groenlandica</i> (Retz.) Ostenf.	Mountain sandwort	G5	S1		
	syn: <i>Arenaria groenlandica</i> (Retz.) Spreng.				
<i>Mitreola petiolata</i> (J.F. Gmel.) Torr. & Gray	Lax hornpod	G5	S1		
	syn: <i>Cynoctonum mitreola</i> (L.) Britt.				
<i>Mitreola sessilifolia</i> (J.F. Gmel) G. Don	Sessile-leaved hornpod	G4G5	S1		
	syn: <i>Cynoctonum sessilifolium</i> J.F. Gmel.				
<i>Moehringia lateriflora</i> (L.) Fenzl	Grove sandwort	G5	S1		
	syn: <i>Arenaria lateriflora</i> L.				
	Under <i>Morella cerifera</i> L. in Kartesz (1999)				
<i>Muhlenbergia bushii</i> Pohl	Bush's muhly	G5	S1		
	Includes <i>M. brachyphylla</i> Bush				
<i>Muhlenbergia cuspidata</i> (Torr. ex Hook.) Rydb.	Plains muhly	G4	S2		

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<i>Muhlenbergia expansa</i> (Poir.) Trin. syn: <i>M. capillaris</i> (Lam.) Trin. var. <i>trichopodes</i> (Ell.) Vasey	Cut-over muhly	G5T5	SH		
<i>Muhlenbergia glabrifloris</i> Scribn. syn: <i>Muhlenbergia glabriflora</i> Scribn.	Smooth muhly	G4?	SH		
<i>Muhlenbergia glomerata</i> (Willd.) Trin.	Marsh muhly	G5	S2		
<i>Myrica cerifera</i> L. var. <i>pumila</i> Michaux	Dwarf southern bayberry	G5T?	S1		
<i>Myriophyllum humile</i> (Raf.) Morong	Low water-milfoil	G5	S1		
<i>Myriophyllum laxum</i> Shuttlw. ex Chapm.	Loose water-milfoil	G3	S1		
<i>Myriophyllum tenellum</i> Bigelow	Slender water-milfoil	G5	S1		
<i>Napaea dioica</i> L.	Glade mallow	G3	S1?		
<i>Neobreckia aquatica</i> (Eat.) Greene syn: <i>Armoracia lacustris</i> (Gray) Al-Shehbaz & Bates syn: <i>A. aquatica</i> (Eat.) Wieg.	Lake-cress	G4?	SH		
<i>Nestronia umbellula</i> Raf.	Nestronia	G4	S1		LE
<i>Nuphar sagittifolia</i> (Walt.) Pursh syn: <i>Nuphar lutea</i> (L.) Sm. ssp. <i>sagittifolia</i> (Walt.) E.O. Beal	Narrow-leaved spatterdock	G5T2	S1		
<i>Nymphoides aquatica</i> (J.F. Gmel.) Kuntze	Big floating-heart	G5	S1		
<i>Oldenlandia boscii</i> (DC.) Chapman syn: <i>Hedyotis boscii</i> DC.	Bosc's bluets	G5	S1		
<i>Oligoneuron rigidum</i> (L.) Small var. <i>glabratum</i> (E.L. Braun) Nesom syn: <i>Solidago rigida</i> L. var. <i>glabrata</i> E.L. Braun	Southeastern stiff goldenrod	G5T4	S1		
<i>Oligoneuron rigidum</i> (L.) Small var. <i>rigidum</i> syn: <i>Solidago rigida</i> L.	Stiff goldenrod	G5T5	S2		
<i>Onosmodium virginianum</i> (L.) DC.	Virginia false-gromwell	G4	S2		
<i>Ophioglossum petiolatum</i> Hook.	Longstem adder's-tongue	G5	S1		
<i>Ophioglossum pusillum</i> Raf. syn: <i>O. vulgatum</i> L. var. <i>pseudopodium</i> (Blake) Farw.	Northern adder's-tongue	G5	S1		
<i>Orbexilum onobrychis</i> (Nutt.) Rydb. syn: <i>Psoralea onobrychis</i> Nutt.	Lanceleaf scurfpea	G5	S1		
<i>Orthilia secunda</i> (L.) House syn: <i>Pyrola secunda</i> L.	One-sided pyrola	G5	SH		
<i>Oryzopsis asperifolia</i> Michx.	White-grained mountain ricegrass	G5	S1		
<i>Osmanthus americanus</i> (L.) Benth. & Hook f. ex Gray	Wild olive	G5T?	S1		
<i>Osmunda cinnamomea</i> L. var. <i>glandulosa</i> Waters	Glandular cinnamon fern	G5T?	S1		

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<i>Oxypolis ternata</i> (Nutt.) Heller Given as <i>O. filiformis</i> (Walt.) Britt. in Harvill et al. (1992)	A cowbane	G3	SH		
<i>Packera millefolium</i> (Torr. & Gray) Weber & Löve syn: <i>Senecio millefolium</i> Torr. & Gray	Yarrow-leaved ragwort	G2	S2		
<i>Panicum hemitomon</i> J.A. Schultes	Maidencane	G5?	S2		
<i>Parnassia grandifolia</i> DC.	Large-leaved grass-of-parnassus	G3	S2		
<i>Paronychia virginica</i> Spreng.	Yellow nailwort	G4	S1		
<i>Paspalum bifidum</i> (Bertol.) Nash	Pitchfork paspalum	G5	SH		
<i>Paspalum dissectum</i> (L.) L.	Water paspalum	G4?	S2		
<i>Paspalum distichum</i> L.	Joint paspalum	G5	S1		
<i>Paspalum praecox</i> Walt.	Early paspalum	G4	S1		
<i>Paxistima canbyi</i> Gray syn: <i>Pachistima canbyi</i>	Canby's mountain-lover	G2	S2		
<i>Pediomelum canescens</i> (Michx.) Rydb. syn: <i>Psoralea canescens</i> Michx.	Hoary scurfpea	G3G4	S1		
<i>Penstemon australis</i> Small	Southern beardtongue	G5	S2		
<i>Penstemon calycosus</i> Small	Long-sepal beardtongue	G5	S1		
<i>Phacelia ranunculacea</i> (Nutt.) Constance Treated as <i>Phacelia covillei</i> in Weakley (in prep.)	Ocean-blue scorpion-weed	G4	S1		
<i>Phacelia fimbriata</i> Michx.	Fringed scorpion-weed	G4	S2		
<i>Phalaris caroliniana</i> Walt.	May grass	G5?	SH		
<i>Phanopyrum gymnocarpon</i> (Ell.) Nash syn: <i>Panicum gymnocarpum</i> Ell.	Clustered panic grass	G5	S1		
<i>Phlox amplifolia</i> Britt.	Large-leaved phlox	G3G5	S2		
<i>Phlox buckleyi</i> Wherry	Sword-leaved phlox	G2	S2		
<i>Phlox pilosa</i> L. var. <i>pilosa</i> All Virginia <i>P. pilosa</i> is var. <i>pilosa</i>	Downy phlox	G5T5	S2		
<i>Phyla nodiflora</i> (L.) Greene syn: <i>Lippia nodiflora</i> (L.) Michx.	Common frog-fruit	G5	S1		
<i>Physalis walteri</i> Nutt. syn: <i>P. maritima</i> M.A. Curtiss, syn: <i>P. viscosa</i> L. ssp. <i>maritima</i> (M.A. Curtiss) Waterfall	Dune ground-cherry	G4	S2		
<i>Pinus palustris</i> P. Mill. syn: <i>P. australis</i> Michx. f.	Long-leaf pine	G5?	S1		
<i>Pityopsis graminifolia</i> (Michx.) Nutt. var. <i>tenuifolia</i> Torr.) Semple & Bowers	Grass-leaved goldenaster	G5T5?	S1		
<i>Plantago cordata</i> Lam.	Heart-leaved plantain	G4	SH		
<i>Plantago maritima</i> L. var. <i>juncoides</i> (Lam.) Gray All Virginia <i>P. maritima</i> is var. <i>juncoides</i>	Seaside plantain	G5T5	S1		

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<i>Platanthera blephariglottis</i> (Willd.) Lindl. var. <i>conspicua</i> (Nash) Luer	Large white fringed orchid	G4G5T3T4 S1			
	Note: A recent publication classifies all Virginia material as var. <i>blephariglottis</i> . The status of the two varieties in Virginia needs re-examination.				
<i>Platanthera grandiflora</i> (Bigelow) Lindl.	Large purple fringed orchid	G5	S1		
	syn: <i>Habenaria fimbriata</i> (Ait.) R. Br. ex Ait.f.				
	syn: <i>Habenaria psycodes</i> (L.) Spreng. var. <i>grandiflora</i> (Bigelow) Gray				
<i>Platanthera leucophaea</i> (Nutt.) Lindl.	Prairie fringed orchid	G2	S1	LT	
	syn: <i>Habenaria leucophaea</i> (Nutt.) Gray				
<i>Platanthera peramoena</i> (Gray) Gray	Purple fringeless orchid	G5	S2		
	syn: <i>Habenaria peramoena</i> Gray				
<i>Poa paludigena</i> Fern. & Wieg.	Bog bluegrass	G3	S2		
<i>Poa palustris</i> L.	Fowl bluegrass	G5	S1S2		
<i>Poa saltuensis</i> Fern. & Wieg.	Drooping bluegrass	G5	S2		
	Includes <i>P. languida</i> A.S. Hitchc.				
<i>Polanisia dodecandra</i> (L.) DC. ssp. <i>dodecandra</i>	Common clammy-weed	G5T?	S2		
	All Virginia <i>P. dodecandra</i> is ssp. <i>dodecandra</i>				
<i>Polygala brevifolia</i> Nutt.	Little-leaf milkwort	G4G5	SH		
<i>Polygala ramosa</i> Ell.	Low pinebarren milkwort	G5	SH		
<i>Polygonella polygama</i> (Vent.) Engelm. & Gray	October-flower	G4	S1		
<i>Polygonum glaucum</i> Nutt.	Sea-beach knotweed	G3	S1S2		
<i>Populus tremuloides</i> Michx.	Quaking aspen	G5	S2		
<i>Porteranthus stipulatus</i> (Muhl. ex Willd.) Britt.	American ipecac	G5	S1		
	syn: <i>Gillenia stipulata</i> (Muhl. ex Willd.) Nutt.				
<i>Portulaca smallii</i> P. Wilson	Small's purslane	G3	S1		
<i>Potamogeton amplifolius</i> Tuckerman	Large-leaf pondweed	G5	S1S2		
<i>Potamogeton hillii</i> Morong	Hill's pondweed	G3	S1		
<i>Potamogeton oakesianus</i> J.W. Robbins	Oakes pondweed	G4	S2		
<i>Potamogeton robbinsii</i> Oakes	Flatleaf pondweed	G5	SH		
<i>Potamogeton spirillus</i> Tuckerman	Spiral pondweed	G5	S1		
<i>Potamogeton strictifolius</i> Benn.	Straight-leaf pondweed	G5	S1		
<i>Potamogeton tennesseensis</i> Fern.	Tennessee pondweed	G2	S1		
<i>Potamogeton zosteriformis</i> Fern.	Flatstem pondweed	G5	S1		
<i>Potentilla arguta</i> Pursh	Tall cinquefoil	G5	S1		
<i>Prenanthes autumnalis</i> Walt.	Slender rattlesnake-root	G4G5	S2		
<i>Prunus maritima</i> Marshall	Beach plum	G4	S1		
<i>Prunus nigra</i> Ait.	Canada plum	G4G5	S1		

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Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Prunus pumila</i> L. var. <i>susquehanae</i> (Hort. Ex Willd.) Jaeger syn: <i>Prunus susquehanae</i> hort. ex Willd.	Susquehanna cherry	G5T4	S1		
<i>Pseudognaphalium helleri</i> (Britt.) A. Anderb. Includes var. <i>helleri</i> and var. <i>micradenium</i> (Weatherby) Mahler	Catfoot	G4G5	S1		
<i>Pseudolycopodiella caroliniana</i> (L.) Holub syn: <i>Lycopodium carolinianum</i> L. syn: <i>Lycopodiella caroliniana</i> (L.) Pichi Sermolli	Slender clubmoss	G5	SH		
<i>Ptilimnium nodosum</i> (Rose) Mathias Virginia plants may be designated as <i>Ptilimnium fluviatile</i> (Rose) Mathias, if recognized as distinct from <i>P. nodosum</i> .	Harperella	G2	S1	LE	
<i>Puccinellia fasciculata</i> (Torr.) Bickn.	Salt marsh goosegrass	G3G5	S1		
<i>Pycnanthemum clinopodioides</i> Torr. & Gray	Basil mountain-mint	G2	S1		
<i>Pycnanthemum monotrichum</i> Fern.	A mountain-mint	GHQ	SH		
<i>Pycnanthemum montanum</i> Michx.	Appalachian mountain-mint	G3G5	S2		
<i>Pycnanthemum setosum</i> Nutt.	Awned mountain-mint	G3?	S1		
<i>Pycnanthemum torrei</i> Benth.	Torrey's mountain mint	G2	S2?		
<i>Pyrola chlorantha</i> Sw. syn: <i>P. virens</i> Schreb.	Greenish-flowered pyrola	G5	SH		
<i>Pyrola elliptica</i> Nutt.	Shinleaf	G5	S2		
<i>Pyxidanthera barbulata</i> Michx. var. <i>barbulata</i> All Virginia <i>P. barbatula</i> is var. <i>barbulata</i>	Flowering pixie-moss	G4T4	S1		
<i>Quercus hemisphaerica</i> Bartr. ex Willd. Under <i>Q. laurifolia</i> Michx. in Radford et al. (1968)	Darlington's oak	G5	S1		
<i>Quercus incana</i> Bartr.	Bluejack oak	G5	S2		
<i>Quercus macrocarpa</i> Michx.	Bur oak	G5	S1		
<i>Quercus prinoides</i> Willd.	Dwarf chinkapin oak	G5	S1		
<i>Ranunculus ambigens</i> S. Wats.	Water-plantain crowfoot	G4	S1		
<i>Ranunculus aquatilis</i> L. var. <i>diffusus</i> Withering Given as <i>R. aquatilis</i> L. in Harvill et al. (1992).	White water crowfoot	G5	S1		
<i>Ranunculus hederaceus</i> L.	Ivy-leaved water crowfoot	G5	SH		
<i>Ranunculus laxicaulis</i> (Torr. & Gray) Darby	Mississippi buttercup	G5?	S1		
<i>Rhamnus alnifolia</i> L'Her.	Alderleaf buckthorn	G5	S1		
<i>Rhamnus lanceolata</i> Pursh var. <i>glabrata</i> Gleason Most Virginia <i>R. lanceolata</i> is var. <i>lanceolata</i> (see watchlist)	Smooth lance-leaved buckthorn	G4G5TU	S1		

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<i>Rhexia petiolata</i> Walt.	Ciliate meadow-beauty	G5?	S1		
<i>Rhododendron arborescens</i> (Pursh) Torr.	Smooth azalea	G4G5	S2		
<i>Rhus michauxii</i> Sarg.	Michaux's sumac	G2	S1	LE	
<i>Rhynchospora alba</i> (L.) Vahl	White beakrush	G5	S2		
<i>Rhynchospora capillacea</i> Torr.	Horned beakrush	G4	S1		
<i>Rhynchospora cephalantha</i> Gray var. <i>attenuata</i> Gale	Small capitellate beakrush	G5T3?	S2		
<i>Rhynchospora colorata</i> (L.) H. Pfieffer syn: <i>Dichromena colorata</i> (L.) Hitchc.	White-topped sedge	G5	S1		
<i>Rhynchospora debilis</i> Gale	Savannah beakrush	G4?	S1		
<i>Rhynchospora fascicularis</i> (Michx.) Vahl	Fasciculate beakrush	G5	S2		
<i>Rhynchospora filifolia</i> Gray	Thread-leaved beakrush	G5	SH		
<i>Rhynchospora grayi</i> Kunth	Gray's beakrush	G4	SH		
<i>Rhynchospora harveyi</i> W. Boott	Harvey's beakrush	G4	SH		
<i>Rhynchospora macrostachya</i> Torr. ex Gray var. <i>macrostachya</i>	Tall hornedrush	G4T4	S2		
Does not include <i>R. macrostachya</i> var. <i>colpophila</i> Fern. & Gale					
<i>Rhynchospora miliacea</i> (Lam.) Gray	Millet beakrush	G5	SH		
<i>Rhynchospora nitens</i> (Vahl) Gray syn: <i>Psilocarya nitens</i> (Vahl) Wood	Short-beaked baldrush	G4	S1		
<i>Rhynchospora oligantha</i> Gray	Few-flowered beakrush	G4	S1		
<i>Rhynchospora pallida</i> M.A. Curtis	Pale beakrush	G3	SH		
<i>Rhynchospora perplexa</i> Britt.	A beakrush	G5	S1S2		
<i>Rhynchospora scirpoides</i> (Torr.) Gray syn: <i>Psilocarya scirpoides</i> Torr.	Long-beaked baldrush	G4	S1		
<i>Rhynchospora stenophylla</i> Chapman	Coastal bog beaksedge	G4	S1		
<i>Rhynchospora wrightiana</i> Boeckl.	Wright's beakrush	G5	S1		
<i>Ribes americanum</i> P. Mill.	Wild black currant	G5	S1		
<i>Ribes lacustre</i> (Pers.) Poir.	Bristly black currant	G5	S1?		
<i>Rorippa sessiliflora</i> (Nutt.) A.S. Hitchc.	Stalkless yellow-cress	G5	S1		
<i>Rosa setigera</i> Michx.	Prairie rose	G5	S1		
<i>Rubus idaeus</i> L. ssp. <i>strigosus</i> (Michx.) Focke	Red raspberry	G5T5	S2		
<i>Rudbeckia heliopsis</i> Torr. & Gray	Sun-facing coneflower	G2	S1		
<i>Rudbeckia triloba</i> L. var. <i>pinnatiflora</i> Torr. & Gray	Pinnate-lobed coneflower	G4T2?	S1		
<i>Sabatia campanulata</i> (L.) Torr.	Slender marsh rose-pink	G5	S2		
<i>Sabatia difformis</i> (L.) Druce	Two-formed rose-pink	G4G5	S1		
<i>Saccharum coarctatum</i> (Fern.) R. Webster syn: <i>Erianthus coarctatus</i> Fern.	Bunched plumegrass	G5?	S1?		

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Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Erianthus coarctatus</i> var. <i>elliottianus</i> Fern.					
<i>Sagittaria calycina</i> Engelm. var. <i>calycina</i> syn: <i>Lophotocarpus calycinus</i> (Engelm.) J.G. Sm.	Long-lobe arrowhead	G5T5?	S1		
<i>Sagittaria calycina</i> Engelm. var. <i>spongiosa</i> Engelm. syn: <i>Lophotocarpus spongiosus</i> (Engelm.) J.G. Sm., Given as <i>S. spathulata</i> in Harvill et al. (1992)	An arrowhead	G5T4	S1		
<i>Sagittaria engelmanniana</i> J.G. Sm.	Engelmann arrowhead	G5?	SH		
<i>Sagittaria rigida</i> Pursh	Sessile-fruited arrowhead	G5	S1		
<i>Salix discolor</i> Muhl.	Pussy willow	G5	S1		
<i>Salix exigua</i> Nutt. syn: <i>S. interior</i> Rowlee	Sandbar willow	G5	S1		
<i>Sanguisorba canadensis</i> L.	Canada burnet	G5	S2		
<i>Sarracenia flava</i> L.	Yellow pitcher-plant	G5?	S1		
<i>Sarracenia purpurea</i> L. var. <i>purpurea</i>	Northern purple pitcher-plant	G5T5	S2?		
<i>Sarracenia purpurea</i> L. var. <i>venosa</i> (Raf.) Fern.	Southern purple pitcher-plant	G5T3T5	S2		
<i>Saxifraga careyana</i> Gray	Carey saxifrage	G3	S2?		
<i>Saxifraga caroliniana</i> Gray Under <i>S. careyana</i> Gray in Harvill et al. (1992)	Carolina saxifrage	G2	S2?		
<i>Schizachne purpurascens</i> (Torr.) Swallen	Purple oat-grass	G5	S1		
<i>Schoenoplectus acutus</i> (Muhl. ex Bigelow) Love & Love var. <i>acutus</i> syn: <i>Scirpus acutus</i> Muhl. ex Bigelow	Hard-stemmed bulrush	G5T5	S1		
<i>Schoenoplectus etuberculatus</i> (Steud.) Sojak syn: <i>Scirpus etuberculatus</i> (Steud.) Kuntze	Canby's bulrush	G3G4	SH		
<i>Schoenoplectus fluviatilis</i> (Torr.) M.T. Strong syn: <i>Bolboschoenus fluviatilis</i> (Torr.) J. Sojak syn: <i>Scirpus fluviatilis</i> (Torr.) Gray	River bulrush	G5	S2		
<i>Schoenoplectus smithii</i> (Gray) Sojak syn: <i>Scirpus smithii</i> Gray	Smith's bulrush	G5?	SH		
<i>Schoenoplectus subterminalis</i> (Torr.) Sojak syn: <i>Scirpus subterminalis</i> Torr.	Water bulrush	G4G5	S1S2		
<i>Schoenoplectus torreyi</i> (Olney) Palla syn: <i>Scirpus torreyi</i> Olney	Torrey's bulrush	G5?	S1		
<i>Schwalbea americana</i> L.	Chaffseed	G2	SH	LE	
<i>Scirpus ancistrochaetus</i> Schuyler	Northeastern bulrush	G3	S2	LE	LE
<i>Scirpus flaccidifolius</i> (Fern.) Schuyler syn: <i>S. atrovirens</i> Willd. var. <i>flaccidifolius</i> Fern.	Reclining bulrush	G2	S1		
<i>Scleria ciliata</i> Michx. var. <i>ciliata</i>	Fringed nutrush	G5TNR	S1		
<i>Scleria minor</i> W. Stone	Slender nutrush	G4	S2		
<i>Scleria pauciflora</i> Muhl. ex Willd. var. <i>caroliniana</i> (Willd.) Wood	Carolina nutrush	G5T4T5	S1		

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<i>Scleria verticillata</i> Muhl. ex Willd.	Whorled nutrush	G5	S2		
<i>Sclerolepis uniflora</i> (Walt.) B.S.P.	One-flower sclerolepis	G4	S1		
<i>Scutellaria arguta</i> Buckl.	Sharp-leaved skullcap	G2?Q	SH		
<i>Scutellaria galericulata</i> L. syn: <i>S. epilobiifolia</i> A. Hamilton	Hooded skullcap	G5	S1		
<i>Scutellaria incana</i> Biehler	Hoary skullcap	G5	S2		
<i>Scutellaria parvula</i> Michx. var. <i>parvula</i> Does not include <i>S. parvula</i> Michx. var. <i>leonardii</i> (Epling) Fern.	Small skullcap	G4T?	S1		
<i>Seymeria cassiodoides</i> (J.F. Gmel.) Blake	Seymeria	G5	S1S2		
<i>Sibbaldiopsis tridentata</i> (Ait.) Rydb. syn: <i>Potentilla tridentata</i> Ait.	Three-toothed cinquefoil	G5	S2		
<i>Sida elliotii</i> Torr. & Gray	Elliott sida	G4G5	S1		
Virginia material is referable to <i>Sida inflexa</i> Fern., but treated here as an anomalous form of <i>S. elliotii</i> . Varietal status may be warranted for Virginia plants.					
<i>Sida hermaphrodita</i> (L.) Rusby	Virginia mallow	G2G3	S1		
<i>Silene nivea</i> (Nutt.) Muhl. ex Otth	Snowy campion	G4?	S1		
<i>Silene ovata</i> Pursh	Ovate catchfly	G2G3	S1		
<i>Silene rotundifolia</i> Nutt.	Roundleaf catchfly	G4	S2		
<i>Silphium terebinthinaceum</i> Jacq.	Prairie rosinweed	G4G5	S1		
<i>Sisyrinchium albidum</i> Raf.	White blue-eyed-grass	G5?	S2		
<i>Smilax ecirrata</i> (Engelm. ex Kunth) S. Wats. also spelled <i>ecirrhata</i>	Upright greenbrier	G5?	S1		
<i>Smilax smallii</i> Morong	Small's greenbrier	G5?	SH		
<i>Solidago gracillima</i> Torr. & Gray	Southern bog goldenrod	G4?	S2		
Includes <i>S. perlonga</i> Fern.					
<i>Solidago latissimifolia</i> P. Mill. syn: <i>S. elliotii</i> Torr. & Gray	Elliott goldenrod	G5	S2		
<i>Solidago patula</i> Muhl. ex Willd. var. <i>strictula</i> Torr. & Gray	Rough-leaved goldenrod	G5T5	S1		
syn: <i>S. salicina</i> Ell.					
<i>Solidago racemosa</i> Greene	Sticky goldenrod	G5T3?	S1		
syn: <i>S. simplex</i> Kunth ssp. <i>randii</i> (Porter) Ringius var. <i>racemosa</i> (Greene) Ringius, syn: <i>S. simplex</i> Kunth var. <i>racemosa</i> (Greene) Ringius					
<i>Solidago randii</i> (Porter) Britt. syn: <i>S. simplex</i> Kunth ssp. <i>randii</i> (Porter) Ringius var. <i>randii</i>	Rand's goldenrod	G5T4	S2S3		
syn: <i>S. simplex</i> Kunth var. <i>randii</i> (Porter) Ringius					
<i>Solidago rupestris</i> Raf.	Riverbank goldenrod	G4?	S1		
Under <i>S. altissima</i> L. in Radford et al. (1968)					

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<i>Solidago tortifolia</i> Ell.	Leafy pinewoods goldenrod	G4G5	S1		
<i>Solidago uliginosa</i> Nutt. var. <i>uliginosa</i>	Bog goldenrod	G4G5T?	S2		
All Virginia <i>S. uliginosa</i> is var. <i>uliginosa</i>					
<i>Sparganium androcladum</i> (Engelm.) Morong	Branching burreed	G4G5	SH		
<i>Sparganium chlorocarpum</i> Rydb.	Narrow-leaf burreed	G5	S1		
<i>Spartina pectinata</i> Link	Freshwater cordgrass	G5	S2		
<i>Spermacoce glabra</i> Michx.	Smooth buttonweed	G4G5	S1		
<i>Spermolepis divaricata</i> (Walt.) Raf. ex Ser.	Rough-fruit spermolepis	G5	S1?		
<i>Sphenopholis filiformis</i> (Chapman) Scribn.	Long-leaf wedge grass	G4?	S1		
<i>Spiraea virginiana</i> Britt.	Virginia spiraea	G2	S1	LT	LE
<i>Spiranthes lucida</i> (H.H. Eat.) Ames	Shining ladies'-tresses	G5	S1		
<i>Spiranthes magnicamporum</i> Sheviak	Great Plains ladies'-tresses	G4	S1		
<i>Spiranthes ochroleuca</i> (Rydb.) Rydb.	Yellow nodding ladies'-tresses	G4	S1		
<i>Sporobolus compositus</i> (Poir.) Merr. var. <i>compositus</i>	Longleaf dropseed	G5T5	S1S2		
syn: <i>S. asper</i> (Beauv.) Kunth,					
All Virginia <i>S. compositus</i> is var. <i>compositus</i>					
<i>Sporobolus heterolepis</i> (Gray) Gray	Northern dropseed	G5	S1		
<i>Sporobolus junceus</i> (Beauv.) Kunth	Purple dropseed	G5	S1		
<i>Sporobolus neglectus</i> Nash	Small dropseed	G5	S2		
<i>Stachys aspera</i> Michx.	Rough hedgenettle	G5T4?	S2		
syn: <i>S. hyssopifolia</i> Michx. var. <i>ambigus</i> Gray					
<i>Stachys eplingii</i> J. Nelson	Epling's hedgenettle	G5	S1		
<i>Stachys pilosa</i> Nutt. var. <i>arenicola</i> (Britt.) Mulligan & Munroe	Marsh hedgenettle	G5T4?	S1		
Given as <i>S. palustris</i> L. in Harvill et al. (1992)					
<i>Stachys</i> sp. 1 sp. nov.	Yadkin hedgenettle	G?	S1		
New, unnamed southeastern <i>Stachys</i> species					
<i>Steinchisma hians</i> (Ell.) Nash	Gaping panic grass	G5	S1		
syn: <i>Panicum hians</i> Ell.					
<i>Stewartia ovata</i> (Cav.) Weatherby	Mountain camellia	G4	S2		
<i>Stillingia sylvatica</i> Garden ex L. ssp. <i>sylvatica</i>	Queen's delight	G5T5	S1		
<i>Stipulicida setacea</i> Michx. var. <i>setacea</i>	Pineland scaly-pink	G4G5T4T5S1			
<i>Streptopus amplexifolius</i> (L.) DC.	White mandarin	G5	S1		
<i>Stylophorum diphyllum</i> (Michx.) Nutt.	Celandine poppy	G5	S2		
<i>Sullivantia sullivantii</i> (Torr. & Gray) Britt.	Sullivantia	G4	S1		
<i>Symporicarpos albus</i> (L.) Blake var. <i>albus</i>	Snowberry	G5T5	S2		
All native Virginia <i>S. albus</i> is var. <i>albus</i> , non native material is <i>S. albus</i> var. <i>laevigatus</i> (Fern.) Blake					
<i>Syphyotrichum elliottii</i> (Torr. & Gray) Nesom	Elliott's aster	G3G4	S1		
syn: <i>Aster puniceus</i> L. var. <i>elliottii</i> (Torr. & Gray) A.G. Jones					

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syn: <i>A. ellottii</i> Torr. & Gray					
<i>Symphyotrichum praealtum</i> (Poiret) Nesom var. <i>angustior</i> (Wiegand) Nesom	Willow aster	G5T4	S1		
syn: <i>Aster praealtus</i> Poir. var. <i>angustior</i> Wieg.					
<i>Symphyotrichum pratense</i> (Raf.) Nesom	Silky aster	G?	S1		
syn: <i>Aster pratensis</i> Raf.					
syn: <i>A. sericeus</i> Vent. var. <i>microphyllus</i> DC.					
<i>Symphyotrichum shortii</i> (Lindl.) Nesom	Short's aster	G4G5	S1		
syn: <i>Aster shortii</i> Lindl.					
<i>Synandra hispidula</i> (Michx.) Baill.	Gyandotte beauty	G4	S2		
<i>Talinum mengesii</i> W. Wolf	Menge's fame-flower	G3	S1		
<i>Tetragonotheca helianthoides</i> L.	Pineland squarthead	G5	S1		
<i>Thalictrum macrostylum</i> Small & Heller	Small-leaved meadowrue	G3G4	S1		
<i>Thelypteris simulata</i> (Davenport) Nieuwl.	Bog fern	G4G5	S1S2		
<i>Tillandsia usneoides</i> (L.) L.	Spanish moss	G5	S2		
<i>Tofieldia glutinosa</i> (Michx.) Pers.	Sticky false-asphodel	G5	S1		
syn: <i>T. racemosa</i> (Walt.) B.S.P. var. <i>glutinosa</i> (Michx.) Ahles					
<i>Tofieldia racemosa</i> (Walt.) B.S.P.	Coastal false-asphodel	G5	S1		
<i>Toxicodendron rydbergii</i> (Small ex Rydb.) Greene	Western poison ivy	G5	S1		
<i>Triadenum fraseri</i> (Spach) Gleason	Fraser's marsh St. John's-wort	G4G5	S1		
Under <i>Hypericum virginicum</i> L. in Fernald (1950)					
<i>Triadenum tubulosum</i> (Walt.) Gleason	Large marsh St. John's-wort	G4?	S1		
syn: <i>Hypericum tubulosum</i> Walt.					
<i>Trichomanes boschianum</i> Sturm	Appalachian filmy fern	G4	S1		
<i>Trichostema setaceum</i> Houtt.	Narrow-leaved bluecurls	G5	S2		
<i>Tridens chapmanii</i> (Small) Chase	Chapman's redtop	G?	SH		
syn: <i>T. flavus</i> (L.) A.S. Hitchc. var. <i>chapmanii</i> (Small) Shinners,					
syn: <i>Triodia chapmanii</i> (Small) Bush					
<i>Trifolium calcaricum</i> Collins and Wieboldt	Running glade clover	G1	S1		
<i>Trifolium reflexum</i> L.	Buffalo clover	G5	S1		
<i>Trillium cernuum</i> L.	Nodding trillium	G5	S2		
<i>Trillium flexipes</i> Raf.	Drooping trillium	G5	S1		
<i>Trillium nivale</i> Riddell	Snow trillium	G4	S1		
<i>Trillium pusillum</i> Michx. var. <i>virginianum</i> Fern.	Virginia least trillium	G3T2	S2		
Includes var. <i>moniticulum</i> Bodkin & Reveal					
<i>Triphora trianthophora</i> (Sw.) Rydb.	Nodding pogonia	G4	S1		
<i>Trisetum spicatum</i> (L.) Richter	Narrow false oats	G5	S1		
<i>Utricularia juncea</i> Vahl	Southern bladderwort	G5	S2		
<i>Utricularia olivacea</i> C. Wright ex Griseb.	Minute bladderwort	G4	S1		

*Virginia Rare Vascular Plant List*

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Utricularia purpurea</i> Walt.	Purple bladderwort	G5	S2		
<i>Utricularia striata</i> Le Conte ex Torr. syn: <i>U. fibrosa</i> Walt.	Fibrous bladderwort	G4G5	S1		
<i>Vaccinium crassifolium</i> Andr.	Creeping blueberry	G4G5	S1		
<i>Vaccinium macrocarpon</i> Ait.	Large cranberry	G4	S2		
<i>Vaccinium myrtilloides</i> Michx.	Velvetleaf blueberry	G5	S1S2		
<i>Vaccinium virgatum</i> Ait.	Swamp blueberry	G4	SH		
<i>Valeriana pauciflora</i> Michx.	Pink valerian	G4	S2		
<i>Verbena scabra</i> Vahl	Sandpaper vervain	G5	S2		
<i>Verbena riparia</i> Raf. ex Small & Heller	River-bank vervain	GUGHQ	SH		
<i>Veronica scutellata</i> L.	Marsh speedwell	G5	S1		
<i>Viburnum lentago</i> L.	Nannyberry	G5	S1		
<i>Vicia americana</i> Muhl. ex Willd. ssp. <i>americana</i>	American purple vetch	G5T5	S1S2		
All Virginia <i>V. americana</i> is ssp. <i>americana</i>					
<i>Viola walteri</i> House	Prostrate blue violet	G4G5	S2		
<i>Vitis rupestris</i> Scheele	Sand grape	G3	S1?		
<i>Wisteria frutescens</i> (L.) Poir.	American wisteria	G5	S2		
<i>Wolffia columbiana</i> Karst.	Columbia watermeal	G5	S1		
<i>Xyris caroliniana</i> Walt.	Carolina yellow-eyed-grass	G4G5	S1		
<i>Xyris difformis</i> Chapman var. <i>curtissii</i> (Malme) Kral	Curtiss' yellow-eyed-grass	G5T5	S1		
syn: <i>X. curtissii</i> Malme					
<i>Xyris fimbriata</i> Ell.	Fringed yellow-eyed-grass	G5	S1		
<i>Xyris laxifolia</i> Mart. var. <i>iridifolia</i> (Chapman) Kral	Irisleaf yellow-eyed-grass	G4G5T4T5S1	S1		
syn: <i>Xyris iridifolia</i> Chapman					
<i>Xyris platylepis</i> Chapman	Tall yellow-eyed-grass	G5	S2		
<i>Zenobia pulverulenta</i> (Bartr. ex Willd.) Pollard	Dusty zenobia	G4?	S1		
<i>Zigadenus densus</i> (Desr.) Fern.	Dense-flowered camas	G5	S1		
<i>Zigadenus glaberrimus</i> Michx.	Large-flowered camas	G5	S1		
<i>Zigadenus leimanthoides</i> Gray	Death camas	G4Q	S1		
<i>Zornia bracteata</i> J.F. Gmel.	Viperina	G5?	S1		



*PART TWO:*

*VIRGINIA VASCULAR PLANT WATCH LIST*

*Virginia Vascular Plant Watchlist*

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Acalypha deamii</i> (Weatherby) Ahles	Deam's three-seeded mercury	G4?	S3		
<i>Aconitum reclinatum</i> Gray	White monkshood	G3G4	S3		
<i>Adlumia fungosa</i> (Ait.) Greene ex B.S.P.	Climbing fumitory	G4	S3		
<i>Agalinis fasciculata</i> (Ell.) Raf. syn: <i>Gerardia fasciculata</i> (Ell.) Raf.	Fascicled false-foxglove	G5	SU		
<i>Agalinis virgata</i> Raf. syn: <i>Gerardia racemulosa</i> Pennell, under <i>A. fasciculata</i> (Ell.) Raf. in Kartesz (1999), under <i>A. purpurea</i> (L.) Pennell in Harvill et al. (1992)	Pine-barren false-foxglove	G3G4Q	SNR		
<i>Agrostis altissima</i> (Walt.) Tuckerman Under <i>A. perennans</i> (Walt.) Tuckerman in Radford et al. (1968) and Kartesz (1999)	Tall bentgrass	G4	SNR		
<i>Agrostis scabra</i> Willd. var. <i>scabra</i>	Rough bentgrass	G5T5	S3?		
<i>Allium allegheniense</i> Small Under <i>A. cernuum</i> Roth in Fernald (1950) and Radford et al. (1968)	Alleghany nodding onion	G3?	SU		
<i>Allium burdickii</i> (Hanes) A.G. Jones	Narrow-leaved ramps	G4G5	SU		
<i>Alopecurus aequalis</i> Sobol. var. <i>aequalis</i>	Short-awn foxtail	G5T5	SNA		
<i>Amelanchier sanguinea</i> (Pursh) DC. var. <i>sanguinea</i> All Virginia <i>A. sanguinea</i> is var. <i>sanguinea</i>	Roundleaf serviceberry	G5T5	S3		
<i>Ampelopsis arborea</i> (L.) Kochne	Peppervine	G5	S3		
<i>Ampelopsis cordata</i> Michx.	Heart-leaf peppervine	G5	SNR		
<i>Amsonia tabernaemontana</i> Walt. ar. <i>tabernaemontana</i>	Eastern blue dogbane	G5	S3		
<i>Andropogon glaucopsis</i> Ell. syn: <i>A. virginicus</i> L. var. <i>glaucopsis</i> (Ell.) A.S. Hitchc.	Chalky bluestem	G3G5	SNR		
syn: <i>A. glomeratus</i> (Walt.) Britt. var. <i>glaucopsis</i> (Ell.) A.S. Hitchc., Under <i>A. virginicus</i> L. in Radford et al. (1968)					
<i>Andropogon perangustatus</i> Nash syn: <i>A. gyrans</i> Ashe var. <i>stenophyllus</i> (Hack.) C. Cambell	Narrow-leaved bluestem	G5T3T4	S3		
<i>Andropogon tenuispathaeus</i> (Nash) Nash syn: <i>A. glomeratus</i> (Walt.) Britt. var. <i>pumilus</i> Vasey ex Dewey Under <i>A. virginicus</i> L. in Radford et al. (1968)	A bluestem	G5	SU		

*Virginia Vascular Plant Watchlist*

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Andropogon virginicus</i> L. var. <i>decipiens</i> C. Campbell A bluestem		G5T4	SU		
Under <i>A. virginicus</i> L. in Radford <i>et al.</i> (1968), Under <i>A. virginicus</i> L. var. <i>virginicus</i> in Fernald (1950)					
<i>Anemone quinquefolia</i> L. var. <i>minima</i> (DC.) Frodin	Dwarf anemone	G3Q	S3		
<i>Antennaria howellii</i> Greene ssp. <i>petaloidea</i> (Fern.) Bayer	Field pussytoes	G5T3T5	SU		
syn: <i>A. petaloidea</i> (Fern.) Fern.					
<i>Arisaema triphyllum</i> (L.) Schott ssp. <i>stewardsonii</i> (Britt.) Hustleston	Swamp jack-in-the-pulpit	G5T4	SU		
syn: <i>A. stewardsonii</i> Britt. Under <i>A. triphyllum</i> (L.) Schott in Radford <i>et al.</i> (1968)					
<i>Aristida lanosa</i> Muhl. ex Ell.	Woolly three-awn grass	G5	S3		
<i>Aristida tuberculosa</i> Nutt.	Seabeach needlegrass	G5	S3		
<i>Aruncus dioicus</i> (Walt.) Fern. var. <i>pubescens</i> (Rydb.) Fern.	Midwestern goatsbeard	G5TNR	SU		
Under <i>A. dioicus</i> (Walt.) Fern. in Radford <i>et al.</i> (1968)					
<i>Asarum canadense</i> L. var. <i>acuminatum</i> Ashe	Wild ginger	G5TNRQ	SU		
Under <i>A. canadense</i> L. in Kartesz (1999) and Radford <i>et al.</i> (1968)					
<i>Asclepias incarnata</i> L. ssp. <i>incarnata</i>	Swamp milkweed	G5T5	S3		
<i>Asclepias lanceolata</i> Walt.	Smooth orange milkweed	G5	S3		
<i>Asimina parviflora</i> (Michx.) Dunal	Dwarf paw-paw	G5	S3		
<i>Asplenium trichomanes</i> L. ssp. <i>quadrivalens</i> D.E. Meyer emend. Lovis	Limestone maidenhair spleenwort	G5T5?	SU		
<i>Aureolaria pedicularia</i> (L.) Raf. var. <i>austromontana</i> Pennell	Fern-leaved yellow foxglove	G5T3T5	SU		
syn: <i>Gerardia pedicularia</i> L. var. <i>intercedens</i> (Pennell) Fern.					
Under <i>A. pedicularia</i> (L.) Raf. in Radford <i>et al.</i> (1968)					
<i>Aureolaria pedicularia</i> (L.) Raf. var. <i>pedicularia</i>	Fern-leaved yellow foxglove	G5T4	SU		
syn: <i>Gerardia pedicularia</i> L. var. <i>pedicularia</i> Under <i>A. pedicularia</i> (L.) Raf. in Radford <i>et al.</i> (1968)					
<i>Axonopus furcatus</i> (Fluegge) A.S. Hitchc.	Big carpet grass	G5	S3		
<i>Bacopa monnieri</i> (L.) Pennell	Coastal water-hyssop	G5?	S3		
<i>Baptisia australis</i> (L.) R. Br. ex Ait. f. var. <i>australis</i>	Blue wild-indigo	G5TNR	S3		
<i>Bartonia paniculata</i> (Michx.) Muhl. ssp. <i>paniculata</i>	Twining bartonia	G5T5	S3		
<i>Blephilia hirsuta</i> (Pursh) Benth.	Hairy woodmint	G4?	S3		
<i>Boltonia asteroides</i> (L.) L'Her var. <i>asteroides</i>	Aster-like boltonia	G5T4T5	S3		
<i>Brachyelytrum septentrionale</i> (Babel) G. Tucker	Northern shorthusk	G4G5	S3		

*Virginia Vascular Plant Watchlist*

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Bulbostylis ciliatifolia</i> (Ell.) Fern. var. <i>ciliatifolia</i> Under <i>B. ciliatifolia</i> (Ell.) Fern. in Radford et al. (1968)	Capillary hairsedge	G5T3T5	S3?		
<i>Bulbostylis ciliatifolia</i> (Ell.) Fern. var. <i>coarctata</i> (Ell.) Kral Under <i>B. ciliatifolia</i> (Ell.) Fern. in Radford et al. (1968) syn: <i>B. coarctata</i> (Ell.) Fern.	A hairsedge	G5T3T5	SU		
<i>Callitriches palustris</i> L. syn: <i>C. verna</i> L.	Marsh water-starwort	G5	S3		
<i>Calystegia macounii</i> (Greene) Brummitt	Macoun's false bindweed	G5	SU		
<i>Calystegia silvatica</i> (Kit.) Griseb. ssp. <i>fraterniflora</i> (Mackenzie & Bush) Brummitt syn: <i>Convolvulus sepium</i> L. var. <i>fraterniflorus</i> Mackenzie & Bush	Bindweed	G5T5	SU		
<i>Calystegia soldanella</i> (L.) R. Br. ex Roemer & J.A. Schultes	Seashore bindweed	G5	SNA		
<i>Cardamine douglassii</i> Britt.	Purple cress	G5	S3		
<i>Cardamine longii</i> Fern.	Long's bittercress	G3	S3		
<i>Carex bushii</i> Mackenzie	Bush's sedge	G4	S3		
<i>Carex canescens</i> L. ssp. <i>disjuncta</i> (Fern.) Toivonen	Silvery sedge	G5T4?	S3		
<i>Carex careyana</i> Torr. ex Dewey	Carey's sedge	G4G5	S3		
<i>Carex cherokeensis</i> Schweinitz	Cherokee sedge	G4G5	SNA		
<i>Carex collinsii</i> Nutt.	Collins' sedge	G4	S3		
<i>Carex conjuncta</i> Boott	Soft fox sedge	G4G5	S3		
<i>Carex debilis</i> Michx. var. <i>intervarsa</i> Fern.	A sedge	G5TNR	SU		
<i>Carex debilis</i> Michx. var. <i>interjecta</i> Bailey	White-edge sedge	G5TNR	SU		
<i>Carex floridana</i> Schwein. syn: <i>Carex nigromarginata</i> Schwein. var. <i>floridana</i> (Schwein.) Kukenh.	A sedge	G5?	S3		
<i>Carex gravida</i> Bailey var. <i>lunelliana</i> (Mackenzie) F.J. Herm.	Heavy sedge	G5T3T5Q	SNA		
<i>Carex leptonervia</i> (Fern.) Fern.	Finely-nerved sedge	G4	S3		
<i>Carex lucorum</i> Willd. ex Link var. <i>austrolucorum</i> J. Rettig syn: <i>C. pensylvanica</i> Lam. var. <i>distans</i> Peck	Appalachian woodland sedge	G4T3?	S3		
<i>Carex meadii</i> Dewey	Mead's sedge	G4G5	S3		
<i>Carex mesochorea</i> Mackenzie	Midland sedge	G4G5	SNR		
<i>Carex molesta</i> Mackenzie ex Bright	Troublesome sedge	G4	SNR		
<i>Carex muehlenbergii</i> Schkuhr ex Willd. var. <i>enervis</i> Boott Under <i>C. muehlenbergii</i> Schkuhr ex Willd. in Radford et al. (1968)	A sedge	G5T5	SNR		
<i>Carex pedunculata</i> Muhl. ex Willd.	Longstalk sedge	G5	S3		
<i>Carex pellita</i> Muhl. ex Willd.	Wooly sedge	G5	S3		
<i>Carex purpurifera</i> Mackenzie	Purple sedge	G4?	S3		

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Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Carex ruthii</i> Mackenzie Under <i>C. muricata</i> L. in Harvill <i>et al.</i> (1992) and Radford <i>et al.</i> (1968)	Ruth's sedge	G3	S3		
<i>Carex shortiana</i> Dewey	Short's sedge	G5	S3		
<i>Carex striata</i> Michx. var. <i>brevis</i> Bailey syn: <i>C. walteriana</i> Bailey var. <i>brevis</i> (Bailey) Bailey All Virginia <i>C. striata</i> is var. <i>brevis</i>	A sedge	G4T4?	S3		
<i>Carex suberecta</i> (Olney) Britt.	Prairie straw sedge	G4	S3		
<i>Carex superata</i> Naczi, Reznicek, & B.A. Ford	Limestone-forest sedge	G3?	S3		
<i>Carex tetanica</i> Schkuhr	Rigid sedge	G4G5	S3		
<i>Carex tribuloides</i> Wahlenberg var. <i>sangamonensis</i> Clokey	A sedge	G5T4T5	SNR		
<i>Carex trisperma</i> Dewey var. <i>trisperma</i>	Three-seed sedge	G5T5	S3		
<i>Carex venusta</i> Dewey var. <i>minor</i> Boeckl.	Dark green sedge	G4T4	S3?		
<i>Carex venusta</i> Dewey var. <i>venusta</i>	Dark green sedge	G4T4?	S3?		
<i>Castilleja coccinea</i> (L.) Spreng.	Eastern Indian-paintbrush	G5	S3		
<i>Caulophyllum giganteum</i> (Farw.) Loconte & Blackwell	Blue cohosh	G4G5Q	SNR		
<i>Ceanothus americanus</i> L. var. <i>intermedius</i> (Pursh) Torr. & Gray	New Jersey tea	G5TNR	SNR		
<i>Cenchrus spinifex</i> Cav. syn: <i>C. incertus</i> M.A. Curtis	Coastal sandbur	GNR	S3		
<i>Chaerophyllum procumbens</i> (L.) Crantz var. <i>shortii</i> Torr. & Gray	Short's spreading chervil	G5T3T4Q	SNR		
<i>Chamaecrista fasciculata</i> (Michx.) Greene var. <i>macroisperma</i> (Fern.) C.F. Reed syn: <i>Cassia fasciculata</i> Michx. var. <i>macroisperma</i> Fern.	Marsh senna	G5T3	S3		
<i>Chamaecyparis thyoides</i> (L.) B.S.P.	Atlantic white-cedar	G4	S3		
<i>Chenopodium desiccatum</i> A. Nels. Under <i>C. pratericola</i> Rydberg in Harvill <i>et al.</i> (1992)	Narrow-leaf goosefoot	G5	SU		
<i>Chenopodium simplex</i> (Torr.) Raf. Under <i>C. hybridum</i> L. in Fernald (1950), syn: <i>C. gigantospermum</i> Aellen	Giant-seed goosefoot	G5	S3		
<i>Cicuta mexicana</i> Coulter. & Rose Under <i>C. maculata</i> L. var. <i>maculata</i> in Kartesz (1999), Under <i>C. maculata</i> L. var. <i>curtissii</i> (Coulter. & Rose) Fern. in Fernald (1950)	Mexican water-hemlock	G3G5	SNR		
<i>Cinna latifolia</i> (Trev. ex Goepp.) Griseb.	Slender wood reedgrass	G5	S3		
<i>Clematis coactilis</i> (Fern.) Keener	Virginia white-haired leatherflower	G3	S3		

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Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Clematis crispa</i> L.	Southern leatherflower	G5	S3		
<i>Corallorrhiza wisteriana</i> Conrad	Spring coralroot	G5	S3		
<i>Coreopsis pubescens</i> Ell. var. <i>pubescens</i>	Star tickseed	G5?T4T5	SNR		
<i>Coreopsis pubescens</i> Ell. var. <i>robusta</i> Gray & Eames	Star tickseed	G5?T3?	SNR		
<i>Cornus amomum</i> P. Mill. ssp. <i>obliqua</i> (Raf.) J.S. Wilson	Silky dogwood	G5T5	SNR		
syn: <i>C. obliqua</i> Raf.					
<i>Crataegus chrysocarpa</i> Ashe	Fineberry hawthorn	G5	SU		
<i>Crataegus disperma</i> Ashe	A hawthorn	G4?	SU		
<i>Crataegus iracunda</i> Beadle	A hawthorn	G5	SU		
Included in <i>C. flabellata</i> (Bosc.) K. Koch. In Radford <i>et al.</i> (1968)					
<i>Crataegus margarettiae</i> Ashe	A hawthorn	G5?	SNR		
<i>Crataegus marshallii</i> Egglest.	Parsley-leaved hawthorn	G5	S3		
<i>Crataegus vailiae</i> Britt.	A hawthorn	G4?Q	SU		
<i>Croptilon divaricatum</i> (Nutt.) Raf.	Scratch-daisy	G4G5	S3		
syn: <i>Haplopappus divaricatus</i> (Nutt.) Gray					
<i>Croton monanthogynus</i> Michx.	Prairie-tea	G5	S3		
<i>Cymophyllum fraserianus</i> (Ker-Gawl.) Kartesz & Ghandi	Fraser's sedge	G4	S3		
syn: <i>C. fraseri</i> (Andr.) Mackenzie ex Britt.					
<i>Cyperus haspan</i> L.	Sheathed flatsedge	G5	S3		
<i>Cyperus refractus</i> Engelm. ex Boeckl.	Reflexed flatsedge	G5	S3		
<i>Cypripedium parviflorum</i> Salisb. var. <i>parviflorum</i>	Small yellow lady's-slipper	G5T3T4	SNR		
Under <i>C. calceolus</i> L. in Harvill <i>et al.</i> (1992), Under <i>C. calceolus</i> L. var. <i>pubescens</i> (Willd.) Correll in Radford <i>et al.</i> (1968),					
syn: <i>C. parviflorum</i> Salisb.,					
syn: <i>C. calceolus</i> L. var. <i>parviflorum</i> (Salisb.) Fern.					
<i>Delphinium exaltatum</i> Ait.	Tall larkspur	G3	S3		
<i>Descurainia pinnata</i> (Walt.) Britt. var. <i>pinnata</i>	Pinnate tansy-mustard	G5	S3?		
<i>Desmodium ciliare</i> (Muhl. ex Willd.) DC. var. <i>lancifolium</i> Fern. & Schub.	Hairy small-leaved tick-trefoil	G5T1T3Q	SNR		
<i>Desmodium fernaldii</i> Schub.	Fernald's tick-trefoil	G4	S3		
<i>Desmodium lineatum</i> DC.	A tick-treefoil	G5	S3		
<i>Desmodium paniculatum</i> (L.) DC. var. <i>epetiolatum</i> Schub.	Narrow-leaf tick-trefoil	G5T1Q	SNR		
<i>Diarrhena americana</i> Beauv.	American beakgrain	G4?	S3		
Does not include <i>D. obovata</i> (Gleason) Brandenburg					

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Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Dichanthelium mattamuskeetense</i> (Ashe) Mohlenbr.	Mattamuskeet panic grass	GNR	S3		
syn: <i>Panicum dichotomum</i> L. var. <i>clutei</i> (Nash) C.F. Reed					
syn: <i>Panicum mattamuskeetense</i> Ashe, Under <i>D.</i> <i>dichotomum</i> (L.) Gould in Harvill et al. (1992), Under <i>D. dichotomum</i> (L.) Gould var. <i>dichotomum</i> in Kartesz (1999).					
<i>Dichanthelium leucothrix</i> (Nash) Freckmann	Roughish panic grass	G4?Q	SNR		
syn: <i>Panicum leucothrix</i> Nash					
<i>Dichanthelium oligosanthes</i> (J.A. Schultes) Gould var. <i>oligosanthes</i>	Few-flowered panic grass	G5T5?	S3		
syn: <i>Panicum oligosanthes</i> J.A. Schultes					
<i>Dichanthelium ravenelii</i> (Scribn. & Merr.) Gould	Ravenel's panic grass	G5	S3		
syn: <i>Panicum ravenelii</i> Scribn. & Merr.					
<i>Dichanthelium scabriusculum</i> (Ell.) Gould & C.A. Clark	Tall swamp panic grass	G4	S3		
syn: <i>Panicum scabriusculum</i> Ell.					
syn: <i>Panicum aculeatum</i> A.S. Hitchc. & Chase, Includes <i>Panicum cryptanthum</i> Ashe					
<i>Dichanthelium species</i> (syn: <i>chamaelonche</i> )	Carpet panic grass	G?	SU		
syn: <i>Panicum chamaelonche</i> Trin., Under <i>D.</i> <i>dichotomum</i> (L.) Gould var. <i>ensifolium</i> (Baldw. ex Ell.) Gould & C.A. Clark in Kartesz (1994)					
<i>Dichanthelium fusiforme</i> (Hitchcock) Harvill	Spindle-fruited panic grass	GNR	SNR		
syn: <i>Panicum fusiforme</i> A.S. Hitchc., Under <i>D.</i> <i>aciculare</i> (Desv. ex Poir.) Gould & C.A. Clark in Kartesz (1999)					
<i>Dichanthelium species</i> (syn: <i>lancearium</i> )	A panic grass	G?	SU		
syn: <i>Panicum lancearium</i> Trin., Includes <i>Panicum lancearium</i> Trin. var. <i>patulum</i> (Scribn. & Merr.) Fern., Under <i>D. sabulorum</i> (Lam.) Gould & C.A. Clark var. <i>patulum</i> (Scribn. & Merr.) Gould & C.A. Clark in Kartesz (1999)					
<i>Dichanthelium spretum</i> (J.A. Schultes) Freckmann	Eaton's panic grass	G5	SNR		
syn: <i>Panicum spretum</i> J.A. Schultes					
<i>Dichanthelium wrightianum</i> (Scribn.) Freckmann	Wright's panic grass	G4	SNR		
syn: <i>Panicum wrightianum</i> Scribn.					
<i>Dicliptera brachiata</i> (Pursh) Spreng.	Wild mudwort	G5	S3		
<i>Digitaria villosa</i> (Walt.) Pers.	Shaggy crabgrass	G5	SU		
syn: <i>D. filiformis</i> (L.) Koeler var. <i>villosa</i> (Walt.) Fern.					
<i>Diphylliea cymosa</i> Michx.	Umbrella-leaf	G4	S3		
<i>Dodecatheon meadia</i> L. var. <i>brachycarpum</i> (Small) Fassett	A shooting-star	G5TNR	SU		
syn: <i>D. meadia</i> L. ssp. <i>brachycarpum</i> (Small) R. Kunth.					

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<i>Drosera brevifolia</i> Pursh syn: <i>D. leucantha</i> Shinners	Dwarf sundew	G5	S3		
<i>Drosera capillaris</i> Poir.	Pink sundew	G5	S3		
<i>Drosera intermedia</i> Hayne	Spoon-leaved sundew	G5	S3		
<i>Dryopteris campyloptera</i> Clarkson syn: <i>D. spinulosa</i> (O.F. Muell.) Watt var. <i>americana</i> (Fisch.) Fern.	Mountain wood-fern	G5	S3		
<i>Echinodorus cordifolius</i> (L.) Griseb.	Upright burhead	G5	S3		
<i>Eleocharis albida</i> Torr.	White spikerush	G4G5	S3		
<i>Eleocharis palustris</i> (L.) Roemer & J.A. Schultes	Creeping spikerush	G5?	S3?		
<i>Eleocharis rostellata</i> (Torr.) Torr.	Beaked spikerush	G5	S3		
<i>Eleocharis tenuis</i> (Willd.) J.A. Schultes var. <i>verrucosa</i> (Svens.) Svens.	Slender spikerush	G5T3T5	SNR		
	syn: <i>E. verrucosa</i> (Svens.) L. Harms				
<i>Eragrostis pectinacea</i> (Michx.) Nees ex Steud.	Western lovegrass	G5	SNR		
<i>Erigenia bulbosa</i> (Michx.) Nutt.	Harbinger-of-spring	G5	S3		
<i>Erigeron strigosus</i> Muhl. ex Willd. var. <i>beyrichii</i> (Fisch. & C.A. Mey.) Torr. & Gray ex Gray Under <i>E. strigosus</i> Muhl. ex Willd. in Radford <i>et al.</i> (1968)	Daisy fleabane	G5T4T5	SU		
<i>Eriophorum virginicum</i> L.	Tawny cotton-grass	G5	S3		
<i>Eupatorium anomalum</i> Nash	Anomalous eupatorium	G2G3	SU		
<i>Eupatorium linearifolium</i> Walt. Under <i>E. glaucescens</i> Ell. in Kartesz (1999), Under <i>E. cuneifolium</i> Willd. in Radford <i>et al.</i> (1968)	A thoroughwort	GNR	SU		
<i>Eupatorium rotundifolium</i> L. var. <i>cordigerum</i> Fern. syn: <i>E. cordigerum</i> (Fern.) Fern.	A thoroughwort	G5TNR	SU		
<i>Eupatorium sessilifolium</i> L. var. <i>vaseyi</i> (Porter) Fern. Vasey's thoroughwort	<i>G3G5</i>		SU		
& Grise.					
	Under <i>E. godfreyanum</i> Cronq. in Harvill <i>et al.</i> (1992),				
	syn: <i>E. sessilifolium vaseyi</i> Porter,				
	syn: <i>E. album</i> L. var. <i>monardifolia</i> Fern.				
<i>Euphorbia pubentissima</i> Michx.	Southern flowering spurge	G5	SU		
<i>Euphorbia spathulata</i> Lam.	Reticulate-seeded spurge	G5	SU		
Included with <i>E. obtusata</i> Pursh in Harvill <i>et al.</i> (1992).					
<i>Eurybia spectabilis</i> (Ait.) Nesom syn: <i>Aster spectabilis</i> Ait. var. <i>spectabilis</i> and var. <i>suffultus</i> Fern.	Showy aster	G5	S3		
Under <i>A spectabilis</i> Ait. in Radford <i>et al.</i> (1968)					
<i>Euthamia graminifolia</i> (L.) Greene var. <i>hirtipes</i> (Fern.) C. & J. Taylor	Grass-leaved goldenrod	G5TNR	SNR		
syn: <i>E. graminifolia</i> (L.) Nutt. var. <i>hirtipes</i> (Fern.) C.&J. Taylor					

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<i>Fimbristylis caroliniana</i> (Lam.) Fern. Under <i>F. spadicea</i> (L.) Vahl. in Radford <i>et al.</i> (1968)	Carolina fimbry	G4	S3		
<i>Floerkea proserpinacoides</i> Willd.	False mermaid-weed	G5	S3		
<i>Fraxinus nigra</i> Marsh.	Black ash	G5	S3		
<i>Fraxinus quadrangulata</i> Michx.	Blue ash	G5	S3		
<i>Galium boreale</i> L.	Northern bedstraw	G5	S3		
<i>Galium hispidulum</i> Michx.	Coast bedstraw	G5	S3		
<i>Galium orizabense</i> Hemsl. ssp. <i>laevicaule</i> (Weatherby & Blake) Dempster syn: <i>G. pilosum</i> Ait. var. <i>laevicaule</i> Weatherby & Blake	(Weatherby & Blake)	G5?T4?	SU		
<i>Galium tinctorium</i> (L.) Scop. var. <i>floridanum</i> Wieg. Included within <i>Galium tinctorium</i> by Radford <i>et al.</i> (1968) and Kartesz (1999)	Stiff marsh bedstraw	G5TNA	SU		
<i>Gaylussacia dumosa</i> (Andr.) Torr. & Gray var. <i>bigeloviana</i> Fern. Included within <i>Gaylussacia dumosa</i> by Radford <i>et al.</i> (1968)	Huckleberry	G5T4T5	SNR		
<i>Gentiana austromontana</i> Pringle & Sharp	Appalachian gentian	G3	S3?		
<i>Glandularia canadensis</i> (L.) Nutt. syn: <i>Verbena canadensis</i> (L.) Britt.	Rose vervain	G5	SNA		
<i>Glaux maritima</i> L.	Sea milkwort	G5	SU		
<i>Glyceria acutiflora</i> Torr.	Sharp-scaled mannagrass	G5	S3		
<i>Glyceria canadensis</i> (Michx.) Trin.	Canada mannagrass	G5	S3		
<i>Gratiola virginiana</i> L. var. <i>aestuariorum</i> Pennell	Roundfruit hedge-hyssop	G5T2T4	SU		
<i>Gymnocarpium appalachianum</i> Pryer Under <i>G. dryopteris</i> (L.) Newman in Harvill <i>et al.</i> (1992)	Appalachian oak fern	G3	S3		
<i>Gymnocladus dioicus</i> (L.) K. Koch	Kentucky coffee-tree	G5	S3		
<i>Gymnopogon brevifolius</i> Trin.	Short-leaved beardgrass	G5	S3		
<i>Habenaria repens</i> Nutt.	Water-spider orchis	G5	SNA		
<i>Helianthus hirsutus</i> Raf.	Stiff-hair sunflower	G5	S3		
<i>Heliopsis helianthoides</i> (L.) Sweet var. <i>scabra</i> (Dunal) Fern.	Smooth oxeye	G5T?	SU		
<i>Heuchera hispida</i> Pursh	Purple alumroot	G5T3?	S3?		
<i>Heuchera parviflora</i> Bartl. var. <i>parviflora</i>	Small-flowered alumroot	G4T4	S3		
<i>Hexalectris spicata</i> (Walt.) Barnh.	Crested coralroot	G5	S3		
<i>Hexastylis lewisii</i> (Fern.) Blomquist & Oosting	Lewis' heartleaf	G4	S3		
<i>Hottonia inflata</i> Ell.	Featherfoil	G4	S3		
<i>Humulus lupulus</i> L. var. <i>pubescens</i> E. Small	Midwestern hops	G5T4?	SNA		
<i>Hydrastis canadensis</i> L.	Golden-seal	G4	S3		
<i>Hydroclea quadrivalvis</i> Walt.	Water-pod	G5	S3		

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<i>Hypericum drummondii</i> (Grev. & Hook.) Torr. & Gray	Drummond's St. John's-wort	G5	S3		
<i>Hypericum mitchellianum</i> Rydb.	Blue Ridge St. John's-wort	G3	S3		
<i>Hypericum virginatum</i> Lam. syn: <i>H. denticulatum</i> Walt. var. <i>acutifolium</i> (Ell.) Blake	A St. John's-wort	G4?	S3		
<i>Ilex vomitoria</i> Ait.	Yaupon holly	G5	S3		
<i>Iresine rhizomatosa</i> Standl.	Eastern bloodleaf	G5	S3		
<i>Iris prismatica</i> Pursh ex Ker-Gwal.	Slender blueflag	G4G5	S3		
<i>Iris versicolor</i> L.	Blueflag	G5	S3		
<i>Isoetes mattaponica</i> L.J. Musselman & W.C. Taylor	A quillwort	GU	SNR		
<i>Isoetes riparia</i> Engelm. ex A. Braun	River-bank quillwort	G5?	S3		
<i>Isolepis carinata</i> Hooker & Arnott ex Torr. syn: <i>Isolepis koilolepis</i> Steud. syn: <i>Scirpus koilolepis</i> (Steud.) Gleason	Clubrush	G5	SNA		
<i>Juglans cinerea</i> L.	Butternut	G3G4	S3?		
<i>Juncus longii</i> Fern.	Long's rush	G3Q	S3?		
<i>Juncus validus</i> Coville var. <i>validus</i> syn: <i>J. crassifolius</i> Buch.	A rush	G5	SNA		
<i>Justicia ovata</i> (Walt.) Lindau var. <i>ovata</i> Given as <i>J. lanceolata</i> (Chapman) Small in Harvill et al. (1992)	Ovate water-willow	G5T4T5	S3		
<i>Lathyrus pusillus</i> Ell.	Low peavine	G5?	SNA		
<i>Lechea maritima</i> Leggett ex B.S.P. var. <i>maritima</i>	Beach pinweed	G5T5?	SNA		
<i>Lechea maritima</i> Leggett ex B.S.P. var. <i>virginica</i> Hodgon	Virginia beach pinweed	G5T3Q	S3		
<i>Lemma minuta</i> Kunth	Pale duckweed	G4	SU		
<i>Leptochloa fascicularis</i> (Lam.) Gray var. <i>maritima</i> (Bickn.) Gleason syn: <i>Diplachne maritima</i> Bickn. All Virginia <i>L. fascicularis</i> is var. <i>maritima</i>	Long-awned sprangletop	G5T3T4	S3		
<i>Leptochloa panicea</i> (Retz) Ohwi ssp. <i>mucronata</i> (Michx.) Nowack syn: <i>L. filiformis</i> (Lam.) Beauv.	Red sprangletop	G5	SNA		
<i>Leptochloa panicoides</i> (J. Presl) A.S. Hitchc. syn: <i>Diplachne panicoides</i> (J. Presl) McNeill	Amazon sprangletop	G5	SNA		
<i>Liatris aspera</i> Michx. var. <i>intermedia</i> (Lunell) Gaiser	Tall blazing-star	G4G5T4T5	S3		
<i>Liatris squarrosa</i> (L.) Michx. var. <i>gracilenta</i> Gaiser Under <i>L. squarrosa</i> (L.) Michx. var. <i>squarrosa</i> in Kartesz (1999)	Scaly blazing star	G5T?	SU		
<i>Liatris squarrosa</i> (L.) Michx. var. <i>hirsuta</i> (Rydb.) Gaiser	Scaly blazing star	G5T4?	SU		
<i>Liatris squarrulosa</i> Michx. Under <i>L. aspera</i> Michx. in Harvill et al. (1992), syn: <i>L. earlei</i> (Greene) K. Schum.	Appalachian blazing-star	G4G5	SU		

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<i>Liatris turgida</i> Gaiser	Shale-barren blazing-star	G3	S3		
<i>Lilium philadelphicum</i> L. var. <i>philadelphicum</i> All Virginia <i>L. philadelphicum</i> is var. <i>philadelphicum</i>	Wood lily	G5T4T5	S3		
<i>Lindera subcordiacea</i> B.E. Wofford	Bog spicebush	G2	SU		
<i>Linum floridanum</i> (Planch.) Trel. syn: <i>L. virginianum</i> L. var. <i>floridanum</i> Planch.	Florida yellow flax	G5?	SU		
<i>Linum sulcatum</i> Riddell var. <i>sulcatum</i> All Virginia <i>L. sulcatum</i> is var. <i>sulcatum</i>	Grooved yellow flax	G5T5	S3		
<i>Listera smallii</i> Wieg.	Kidneyleaf twayblade	G4	S3		
<i>Lithospermum latifolium</i> Michx.	American gromwell	G5	S3		
<i>Lithospermum tuberosum</i> Rugel ex DC.	Tuberous gromwell	G4	S3		
<i>Lobelia glandulosa</i> Walt.	Glandular lobelia	G4G5	SU		
<i>Lonicera canadensis</i> Bartr. ex Marsh.	American fly-honeysuckle	G5	S3		
<i>Ludwigia glandulosa</i> Walt.	Cylindric-fruited seedbox	G5	S3		
<i>Ludwigia leptocarpa</i> (Nutt.) Hara	River seedbox	G5	S3		
<i>Ludwigia polycarpa</i> Short & Peter	A seedbox	G4	SU		
<i>Ludwigia sphaerocarpa</i> Ell.	Globe-fruited seedbox	G5	S3		
<i>Lycopodium annotinum</i> L. Varieties of <i>Lycopodium annotinum</i> not recognized	Stiff clubmoss	G5	S3?		
<i>Lycopodium dendroideum</i> Michx. syn: <i>L. obscurum</i> var. <i>dendroideum</i>	Treelike clubmoss	G5	S3		
<i>Lycopodium hickeyi</i> W.H. Wagner, Beitel & Moran	Hickey's clubmoss	G5	S3?		
<i>Lycopus angustifolius</i> Ell.	Southern bog bugleweed	G4?Q	SU		
<i>Lygodium palmatum</i> (Bernh.) Sw.	Climbing fern	G4	S3		
<i>Malaxis bayardii</i> Fern. Under <i>M. unifolia</i> Michx. in Radford et al. (1968)	Appalachian adder's-mouth	G2	SU		
<i>Malaxis spicata</i> Sw. syn: <i>M. floridana</i> (Chapman) Kuntze	Florida adder's-mouth	G4?	S3		
<i>Meehania cordata</i> (Nutt.) Britt.	Heartleaf meehania	G5	S3		
<i>Melampyrum lineare</i> Desr. var. <i>pectinatum</i> (Pennell) Fern.	Cow-wheat	G5T5	SU		
<i>Milium effusum</i> L.	Tall millet-grass	G5	S3		
<i>Minuartia patula</i> (Michx.) Mattf. var. <i>patula</i> syn: <i>Arenaria patula</i> Michx. All Virginia <i>M. patula</i> is var. <i>patula</i>	Pitcher's stitchwort	G4T4	S3		
<i>Monarda fistulosa</i> L. var. <i>brevis</i> Fosberg & Artz syn: <i>Monarda fistulosa</i> L. ssp. <i>brevis</i> (Fosberg & Artz) Scora, comb. nov. ined.	Smoke Hole bergamot	G5T1	SU		
<i>Monotropa odorata</i> Schwein. ex Ell.	Sweet pinesap	G3	S3		
<i>Myriophyllum pinnatum</i> (Walt.) B.S.P.	Cutleaf water-milfoil	G5	S3		

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<i>Myriophyllum sibiricum</i> Komarov	Common water-milfoil	G5	SNR		
<i>Nelumbo lutea</i> Willd.	American lotus	G4	S3		
<i>Nothoscordum bivalve</i> (L.) Britt. syn: <i>Allium bivalve</i> (L.) Kuntze	Crow-poison	G4	SNA		
<i>Oenothera linifolia</i> Nutt.	Flax-leaved sundrops	G5	SNA		
<i>Oenothera nutans</i> Atkinson & Bartlett syn: <i>O. austromontana</i> (Munz.) Raven, W. Dietr. & Stubbe	Nodding evening-primrose	G4	S3		
<i>Oenothera oakesiana</i> (Gray) J.W. Robbins ex S. Wats. & Coulter syn: <i>O. parviflora</i> L. var. <i>oakesiana</i> (Gray) Fern.	Evening-primrose	G4G5Q	SNR		
<i>Oenothera riparia</i> Nuttall syn: <i>O. tetragona</i> Roth ssp. <i>glauca</i> (Michaux) Munz var. <i>riparia</i> (Nuttall) Munz included in <i>O. fruticosa</i> L. by Radford et al. (1968)	Riverbank evening-primrose	G2Q	SU		
<i>Oligoneuron riddellii</i> (Frank ex Riddell) Rydberg syn: <i>Solidago riddellii</i> Frank ex Riddell	Riddell Goldenrod	G5	SNA		
<i>Ophioglossum engelmannii</i> Prantl	Limestone adder's-tongue	G5	S3		
<i>Orbexilum pedunculatum</i> (P. Miller) Rydb. var. <i>pedunculatum</i> syn: <i>Psoralea psoraloides</i> (Walter) Cory var. <i>eglandulosa</i> (Ell.) Freeman	Western sampson's snakeroot	G5T5?	SNR		
<i>Orobanche ludoviciana</i> Nutt.	Louisiana broomrape	G5	SU		
<i>Oxalis priceae</i> Small ssp. <i>colorea</i> (Small) Eiten	A wood-sorrel	G3G5TNR	SNR		
<i>Packera paupercula</i> (Michx) Á. & D. Löve syn: <i>Senecio pauperculus</i> Michx.	Balsam ragwort	G5	S3?		
<i>Panax quinquefolius</i> L.	American ginseng	G3G4	S3S4		LT
<i>Panicum anceps</i> Michx. var. <i>rhizomatum</i> (A.S. Hitchc. & Chase) Fern. Under <i>P. anceps</i> Michx. in Kartesz (1999)	A panic grass	G5TNR	SU		
<i>Panicum gattingeri</i> Nash	Gattinger's panic grass	G4	SNR		
<i>Panicum rigidulum</i> Bosc ex Nees var. <i>combsii</i> (Scribn. & Ball) Lelong syn: <i>P. longifolium</i> Swallen var. <i>combsii</i> (Scribn. & Ball) Fern.	A panic grass	G5T5?	S3?		
<i>Paronychia baldwinii</i> (Torr. & Gray) Fenzl ex Walp.ssp. <i>riparia</i> (Chapman) Chaudhri syn: <i>P. riparia</i> Torr. & Gray, All Virginia <i>P. baldwinii</i> is ssp. <i>riparia</i>	Baldwin's nailwort	G4T4?	S3		
<i>Parthenium integrifolium</i> L. var. <i>mabryanum</i> Mears	A feverfew	G5T3	S3?		
<i>Parthenocissus vitacea</i> (Knerr) A.S. Hitchc.	Woodbine	G5	SU		

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<i>Paspalum boscianum</i> Fluegge	Bull paspalum	G5	S3		
<i>Pedicularis lanceolata</i> Michx.	Swamp lousewort	G5	S3		
<i>Pellaea glabella</i> Mett. ex Kuhn ssp. <i>glabella</i> All Virginia <i>P. glabella</i> is ssp. <i>glabella</i>	Smooth cliff-brake	G5T5	S3		
<i>Penstemon hirsutus</i> (L.) Willd.	Hairy beardtongue	G4	S3		
<i>Phacelia purshii</i> Buckl.	Miami-mist	G5	S3		
<i>Philadelphus hirsutus</i> Nutt.	Streambank mock-orange	G5	S3		
<i>Phlox nivalis</i> Lodd. ex Sweet var. <i>hentzii</i> (Nutt.) Wherry All Virginia <i>P. nivalis</i> is var. <i>hentzii</i>	Trailing phlox	G4T4	S3		
<i>Phragmites australis</i> (Cav.) Trin. Ex Steud. ssp. <i>americanus</i> Saltonstall, P.M. Peterson, & Soreng	American common reed	G5TNA	SNR		
<i>Physalis angulata</i> L. var. <i>angulata</i> All Virginia <i>P. angulata</i> is var. <i>angulata</i>	Cut-leaf ground-cherry	G5TNR	SNA		
<i>Physostegia leptophylla</i> Small Given as <i>P. purpurea</i> (Walt.) Blake in Harvill et al. (1992), Given as <i>Dracocephalum purpureum</i> (Walt.) McClintock ex Gleason in Radford et al. (1968)	Slender-leaved dragon-head	G4?	S3		
<i>Plantago heterophylla</i> Nutt.	Slender plantain	G5	SNA		
<i>Platanthera flava</i> (L.) Lindl. var. <i>flava</i> syn: <i>Habenaria flava</i> (L.) R. Br. var. <i>flava</i>	Southern rein orchid	G4T4?Q	S3?		
<i>Platanthera flava</i> (L.) Lindl. var. <i>herbiola</i> (R. Br. ex Ait. f.) Luer syn: <i>Habenaria flava</i> (L.) R. Br. var. <i>herbiola</i> (R. Br.) Ames & Correll	Tuberclped rein orchid	G4T4Q	S3?		
<i>Platanthera integrilabia</i> (Correll) Luer syn: <i>Habenaria blephariglottis</i> (Willd.) Hook. var. <i>integrilabia</i> Correll	White fringeless orchid	G2G3	SU		
<i>Pogonia ophioglossoides</i> (L.) Ker-Gawl.	Rose pogonia	G5	S3		
<i>Polygala cruciata</i> L. var. <i>aquilonia</i> Fern. & Schub. Included within <i>P. cruciata</i> L. in Radford et al. (1968)	Crossleaf milkwort	G5T4	S3?		
<i>Polygala cruciata</i> L. var. <i>cruciata</i> Included within <i>P. cruciata</i> L. in Radford et al. (1968)	Crossleaf milkwort	G5T4T5	S3?		
<i>Polygonella articulata</i> (L.) Meisn.	Eastern jointweed	G5	S3		
<i>Polygonum cilinode</i> Michx.	Fringed black bindweed	G5	S3		
<i>Polygonum ramosissimum</i> Michx. var. <i>prolificum</i> Small syn: <i>P. prolificum</i> (Small) Robins.	Bushy knotweed	G5T4T5	S3		
<i>Ponthieva racemosa</i> (Walt.) C. Mohr	Shadow-witch orchid	G4G5	S3		
<i>Potamogeton friesii</i> Rupr.	Fries' pondweed	G4	SU		

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<i>Potamogeton perfoliatus</i> L.	Clasping-leaf pondweed	G5	S3		
	Given as <i>P. perfoliatus</i> L. var. <i>bupleuroides</i> (Fern.) Farw. in Harvill et al. (1992), Radford et al. (1968), and Fernald (1950)				
<i>Prenanthes roanensis</i> (Chickering) Chickering	Mountain rattlesnake-root	G3	S3		
<i>Prosartes maculata</i> (Buckl.) Gray syn: <i>Disporum maculatum</i> (Buckl.) Britt.	Nodding mandarin	G3G4	S3		
<i>Proserpinaca intermedia</i> Mackenzie	Intermediate mermaid-weed	G3G4Q	SU		
<i>Prunus alleghaniensis</i> Porter var. <i>alleghaniensis</i> All Virginia <i>P. alleghaniensis</i> is var. <i>alleghaniensis</i>	Alleghany plum	G4T4	S3		
<i>Pycnanthemum beadlei</i> (Small) Fern.	Beadle's Mountain-mint	G2G4	SU		
<i>Pycnanthemum loomisii</i> Nutt.  Under <i>P. incanum</i> (L.) Michx. in Radford et al. (1968) syn: <i>Pycnanthemum incanum</i> (L.) Michx. var. <i>loomisii</i> (Nutt.) Fern.	Loomis' mountain-mint	G4?	SU		
<i>Quercus laevis</i> Walt.	Turkey oak	G5	S3		
<i>Quercus margarettiae</i> Ashe ex Small syn: <i>Q. stellata</i> Wangenh. var. <i>margarettiae</i> (Ashe ex Small) Sarg.	Sand post oak	G5	S3		
<i>Quercus virginiana</i> P. Mill.	Live oak	G5	S3		
<i>Ranunculus flabellaris</i> Raf.	Yellow water crowfoot	G5	S3		
<i>Rhamnus lanceolata</i> Pursh var. <i>lanceolata</i>	Lance-leaved buckthorn	G5T4T5	S3		
<i>Rhododendron cumberlandense</i> E.L. Braun	Cumberland flame azalea	G3	S3		
<i>Rhynchospora breviseta</i> (Gale) Channell	Short-bristle beaksedge	G3G4	SNA		
<i>Rhynchospora caduca</i> Ell.	Falling beakrush	G5	S3		
<i>Rhynchospora cephalantha</i> Gray var. <i>cephalantha</i> Does not include <i>R. cephalantha</i> Gray var. <i>attenuata</i> Gale (see rare list) or <i>R. cephalantha</i> Gray var. <i>pleiocephala</i> Fern. & Gale (see watch list)	Capitate beakrush	G5T4T5	SNA		
<i>Rhynchospora cephalantha</i> Gray var. <i>pleiocephala</i> Fern. & Gale	Many-headed bunched beakrush	G5TNR	S3		
<i>Rhynchospora rariflora</i> (Michx.) Ell.	Few-flowered beakrush	G5	S3		
<i>Ribes glandulosum</i> Grauer	Skunk currant	G5	S3		
<i>Ribes missouriense</i> Nutt.	Missouri gooseberry	G5	SNA		

*Virginia Vascular Plant Watchlist*

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Robinia hispida</i> L. var. <i>kelseyi</i> (Cowell ex Hutchinson) Isely  Under <i>R. hispida</i> L. in Harvill et al. (1992) syn: <i>R. kelseyi</i> Cowell ex Hutchinson	Kelsey's locust	G4T1	SU		
<i>Robinia viscosa</i> Vent.	Clammy locust	G3	SU		
<i>Rosa blanda</i> Aiton var. <i>blanda</i>	Smooth rose	G5	SU		
<i>Rubus alumnus</i> Bailey	Blackberry	G5	SU		
<i>Rubus baileyanus</i> Britt.  Under <i>R. flagellaris</i> in Radford et al. (1968)	A bramble	G5	SU		
<i>Rubus fecundus</i> Bailey	A bramble	G5	SU		
<i>Rubus frondosus</i> Bigelow	A bramble	G5	SU		
<i>Rubus recurvicaulis</i> Blanch	A bramble	G4?	SU		
<i>Rubus setosus</i> Bigelow	Small brambleberry	G5	SU		
<i>Rudbeckia laciniata</i> L. var. <i>humilis</i> Gray  Under <i>R. laciniata</i> L. in Radford et al. (1968)	Cut-leaved coneflower	G5T3?	SU		
<i>Ruellia humilis</i> Nutt.	Hairy wild-petunia	G5	S3		
<i>Ruellia purshiana</i> Fern.	Pursh's wild-petunia	G3	S3		
<i>Sabatia brachiata</i> Ell.	Narrow-leaf rose-pink	G5?	S3		
<i>Sabatia calycina</i> (Lam.) Heller	Coastal rose-pink	G5?	S3		
<i>Sabatia dodecandra</i> (L.) B.S.P.	Large marsh rose-pink	G5?	S3		
<i>Saccharum brevibarbe</i> (Michx.) Pers. var. <i>brevibarbe</i>  syn: <i>Erianthus brevibarbis</i> Michx.	Short-beard plumegrass	G3G5TNR	SU		
<i>Sagittaria platyphylla</i> (Engelm.) J.G. Sm.	An arrowhead	G5	SU		
<i>Salix lucida</i> Muhl.	Shining willow	G5	SNA		
<i>Sanicula canadensis</i> L. var. <i>grandis</i> Fern.	Black snakeroot	G5TU	SU		
<i>Sanicula trifoliata</i> Bickn.	Large-fruited sanicle	G4	S3		
<i>Schoenoplectus novae-angliae</i> (Britt.) M.T. Strong  syn: <i>Bolboschoenus novae-angliae</i> (Britt.) S.G. Sm.	Salt-marsh bulrush	G5	S3		
 syn: <i>Scirpus cylindricus</i> (Torr.) Britt. syn: <i>Scirpus novae-angliae</i> Britt.					
<i>Scirpus divaricatus</i> Ell.	Spreading bulrush	G5	S3		
<i>Scirpus hattorianus</i> Makino	A bulrush	G5	S3		
<i>Scirpus lineatus</i> Michx.  syn: <i>S. fontinalis</i> Harper Does not include <i>S. pendulus</i> Muhl.	Drooping bulrush	G4	S3		
<i>Scutellaria ovata</i> Hill ssp. <i>pseudoarguta</i> Epling  Given as <i>S. ovata</i> Hill var. <i>versicolor</i> (Nutt.) Fern. in Fernald (1950)	A heart-leaved skullcap	G5T1Q	SU		
<i>Sesuvium maritimum</i> (Walt.) B.S.P.	Sea-purslane	G5	S3		
<i>Sibara virginica</i> (L.) Rollins	Virginia rockcress	G5	SNR		
<i>Sideroxylon lycioides</i> L.  syn: <i>Bumelia lycioides</i> (L.) Pers.	Buckthorn bumelia	G5	S3		
<i>Silphium trifoliatum</i> L. var. <i>latifolium</i> Gray	Broad-leaved whorled rosin-weed	G4?T4?	SNR		

*Virginia Vascular Plant Watchlist*

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Sisyrinchium capillare</i> Bickn. Under <i>S. albidum</i> Raf. in Radford et al. (1968)	Wiry blue-eyed-grass	GNR	SU		
<i>Sisyrinchium fuscatum</i> Bickn.  syn: <i>S. arenicola</i> Bickn.	Sandplain blue-eyed-grass	G5?	S3		
<i>Sisyrinchium montanum</i> Greene var. <i>crebrum</i> Fern. Under <i>S. mucronatum</i> Michx. var. <i>mucronatum</i> in Radford et al. (1968)	Strict blue-eyed-grass	G5T4T5	SU		
<i>Solidago canadensis</i> L. var. <i>canadensis</i>	Canadian goldenrod	G5T5	SU		
<i>Solidago canadensis</i> L. var. <i>gylvocanescens</i> Rydb.	Great Plains common goldenrod	G5T5	SU		
<i>Solidago flaccidifolia</i> Small  Under <i>S. caesia</i> in Radford et al. (1968)	Appalachian goldenrod	G5	SNR		
<i>Solidago hispida</i> Muhl. ex Willd. var. <i>hispida</i> All Virginia <i>S. hispida</i> is var. <i>hispida</i>	Hairy goldenrod	G5T5	S3		
<i>Solidago lancifolia</i> Torr. & Gray  Under <i>S. curtissii</i> Torr. & Gray in Kartesz (1999) Radford et al. (1968)	Broad-leaf goldenrod	G3G4Q	SU		
<i>Solidago sempervirens</i> L. var. <i>mexicana</i> (L.) Fern. Under <i>S. sermpervirens</i> L. in Radford et al. (1968)	Seaside goldenrod	G5T5	S3		
<i>Solidago tarda</i> Mackenzie  Under <i>S. arguta</i> in Radford et al. (1968) Under <i>S. arguta</i> var. <i>arguta</i> in Kartesz (1999) syn: <i>S. ludoviciana</i> (Gray) Small	A goldenrod	G4?Q	S3?		
<i>Sparganium eurycarpum</i> Engelm. ex Gray	Giant burreed	G5	S3		
<i>Spartina patens</i> (Ait.) Muhl. var. <i>monogyna</i> (M.A. Curtis) Fern.  Under <i>S. patens</i> (Ait.) Muhl. in Kartesz (1999)	Saltmeadow cordgrass	G5TNR	SU		
<i>Spiranthes eatonii</i> Ames ex P.M. Brown	Eaton's ladies' tresses	G2G4	SNR		
<i>Spiranthes lacera</i> (Raf.) Raf. var. <i>lacera</i>  Does not include <i>S. gracilis</i> (Bigelow) Beck or <i>S. lacera</i> (Raf.) Raf. var. <i>gracilis</i> (Bigelow) Luer Given as <i>S. lacera</i> Raf. in Fernald (1950)	A ladies'-tresses	G5T5	SU		
<i>Spiranthes odorata</i> (Nutt.) Lindl.  syn: <i>S. cernua</i> (L.) L.C. Rich var. <i>odorata</i> (Nutt.) Correll	Fragrant ladies'-tresses	G5	S3		
<i>Stachys hyssopifolia</i> Michx.  syn: <i>Stachys hyssopifolia</i> Michx. var. <i>hyssopifolia</i>	Hyssop-leaf hedgenettle	G5?	S3?		
<i>Stellaria corei</i> Shinners  syn: <i>Stellaria pubera</i> Michx. var. <i>sylvatica</i> (Beguinot) Weath.	Tennessee chickweed	G4	S3		
<i>Stellaria prostrata</i> Baldw.	Prostrate starwort	G4?	SU		
<i>Stewartia malacodendron</i> L.	Silky camellia	G4	S3		

*Virginia Vascular Plant Watchlist*

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Styloodon carneus</i> (Medik.) Moldenke syn: <i>S. carolinensis</i> (Walt.) Small, syn: <i>Verbena carnea</i> Medic.	Carolina vervain	G4?	SNA		
<i>Styrax americanus</i> Lam. var. <i>americanus</i>	American snowbell	G5TNR	S3		
<i>Styrax grandifolius</i> Ait.	Bigleaf snowbell	G5	S3		
<i>Suaeda linearis</i> (Ell.) Moq.	Tall sea blite	G5	S3		
<i>Symphyotrichum ericoides</i> (L.) Nesom syn: <i>Aster ericoides</i> L.	White heath aster	G5	S3		
<i>Symphyotrichum x schistosum</i> (Steele) Nesom syn: <i>Aster schistosus</i> Steele syn: <i>A. x schistosus</i> (Steele) Nesom in Kartesz (1999)	Millboro aster	GNA	SNA		
<i>Taenidia montana</i> (Mackenzie) Cronq.	Mountain pimpernel	G3	S3		
<i>Taxodium ascendens</i> Brongn.	Pond cypress	G5	SNA		
<i>Taxus canadensis</i> Marshall	Canada yew	G5	S3		
<i>Tephrosia hispida</i> (Michx.) Pers.	Sprawling hoary-pea	G4G5	SNA		
<i>Thaspium pinnatifidum</i> (Buckl.) Gray	Cutleaf meadow-parsnip	G2G3	SU		
<i>Thermopsis mollis</i> (Michx.) M.A. Curtis ex Gray	Soft-haired false lupine	G3G4	S3		
<i>Thermopsis villosa</i> (Walt.) Fern. & Schub.	Hairy false lupine	G3?	SNA		
<i>Tradescantia subaspera</i> Ker-Gawl.var. <i>montana</i> (Shuttlew. ex Britt.) E.S. Anderson & Woods	Zigzag spiderwort	G5T3T5Q	S3		
Under <i>T. subaspera</i> Ker-Gawl in Radford et al. (1968)					
<i>Tragia urticifolia</i> Michx.	Nettle-leaf noseburn	G5	S3		
<i>Trichomanes intricatum</i> Farrar	A filmy-fern	G3G4	SU		
<i>Tridens strictus</i> (Nutt.) Nash	Long-spike fluff-grass	G5	SNA		
syn: <i>Triodia stricta</i> (Nutt.) Benth. ex Vasey					
<i>Trifolium virginicum</i> Small ex Small & Vail	Kate's-mountain clover	G3	S3		
Only piedmont occurrences are tracked.					
<i>Triglochin striata</i> Ruiz & Pavon	Three-ribbed arrowgrass	G5	S3		
<i>Trillium luteum</i> (Muhl.) Harbison	Yellow trillium	G4	SE?		
<i>Triosteum aurantiacum</i> Bickn.	Coffee tinker's-weed	G5	S3		
<i>Tsuga caroliniana</i> Engelmann	Carolina hemlock	G3	S3		
<i>Typha domingensis</i> Pers.	Southern cattail	G4G5	S3?		
<i>Uniola paniculata</i> L.	Sea oats	G5	S3		
<i>Utricularia geminiscapa</i> Benj.	Hidden-fruited bladderwort	G4G5	S3		
<i>Utricularia macrorhiza</i> Le Conte syn: <i>U. vulgaris</i> L.	Greater bladderwort	G5	S3		
<i>Utricularia radiata</i> Small	Small swollen bladderwort	G4	S3		
syn: <i>U. inflata</i> Walt. var. <i>minor</i> Chapman					

*Virginia Vascular Plant Watchlist*

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Uvularia puberula</i> Michx. var. <i>nitida</i> (Britton) Fern.	Pine barren bellwort	G5T2?	SNR		
Under <i>U. puberula</i> Michx. in Kartesz (1999) syn: <i>U. pudica</i> (Walt.) Fern. var. <i>nitida</i> (Britt.) Fern.					
<i>Verbena rigida</i> (L.) Sprengel	A vervain	GNR	SNR		
<i>Verbesina virginica</i> L. var. <i>virginica</i>	White crownbeard	G5?T5?	S3		
All Virginia <i>V. virginica</i> is var. <i>virginica</i>					
<i>Viola blanda</i> Willd. var. <i>palustriformis</i> Gray	Large-leaf white violet	G4G5T4T5	SNR		
Under <i>V. blanda</i> Willd. in Radford et al. (1968), syn.: <i>Viola incognita</i> Brainerd					
<i>Viola brittoniana</i> Pollard var. <i>brittoniana</i>	Coast violet	G4G5T4T5	S3?		
<i>Viola esculenta</i> Ell.	Salad violet	G4G5	S3		
syn: <i>Viola ×esculenta</i> Ell. (pro sp.)					
Under <i>V. septemloba</i> Le Conte in Radford et al. (1968) and Harvill et al. (1992)					
<i>Viola palmata</i> L. var. <i>dilatata</i> Ell.	Cleft violet	G5T5?	S4?		
syn: <i>V. triloba</i> Schwein. var. <i>dilatata</i> (Ell.) Brainerd					
<i>Viola septentrionalis</i> Greene	Northern blue violet	G5	S3		
<i>Viola villosa</i> Walt.	Hairy violet	G5	SU		
Does not include <i>V. hirsutula</i> Brainerd					
<i>Vittaria appalachiana</i> Farrar & Mickel	Appalachian vittaria	G4	SU		
<i>Wolfiella gladiata</i> (Hegelm.) Hegelm.	Sword bogmat	G5	S3		
syn: <i>W. floridana</i> (J.D. Sm.) J.D. Sm. Ex Hegelm.					
<i>Zanthoxylum americanum</i> P. Mill.	Northern prickly-ash	G5	S3		
syn: <i>Xanthoxylum americanum</i> P. Mill.					
<i>Zanthoxylum clava-herculis</i> L.	Southern prickly-ash	G5	S3		
syn: <i>Xanthoxylum clava-herculis</i> L.					
<i>Zigadenus elegans</i> Pursh ssp. <i>glaucus</i> (Nutt.) Hulten	White camas	G5T4T5	S3		
All Virginia <i>Z. elegans</i> is ssp. <i>glaucus</i> , syn: <i>Z. glaucus</i> Nutt.					

*PART THREE:*

*VIRGINIA RARE NON-VASCULAR PLANT LIST*



*Virginia Rare Non-Vascular Plant List*

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<b>LICHENS</b>					
<i>Cetrelia monachorum</i> (Zahlbr.) Culb. & C. Culb.	Sea-storm lichen	G2G4	SU		
<i>Heterodermia appalachiensis</i> (Kurok.) Culb.	Appalachian fringe lichen	G2?	S1		
syn: <i>Anaptychia appalachiensis</i> Kurok.					
<i>Hydrothyria venosa</i> J.L. Russell	Waterfan	G3	S1		
<i>Hypotrachyna oostingii</i> (J.P. Dey) Hale	Oosting's loop lichen	G2?	SU		
<i>Hypotrachyna virginica</i> (Hale) Hale	A loop lichen	G1G2	S1		
syn: <i>Parmelia virginica</i> Hale					
<i>Melanelia culbersonii</i> (Hale) Thell	Appalachian camouflage lichen	G2G4	S2?		
<i>Melanelia stygia</i> (L.) Essl.	Alpine camouflage lichen	G4G5	S2?		
<i>Stereocalon tennesseense</i> H. Magn. ex Degel	Bony foam lichen	G?	S2?		
<i>Teloschistes flavicans</i> (Sw.) Norman	Powdered orange bush lichen	G?	SH		
<b>LIVERWORTS</b>					
<i>Lejeunea ruthii</i> (Evans) Schust.	A liverwort	G3G4	SU		
<i>Nardia lescurii</i> (Aust.) Underw.	A liverwort	G3?	SU		
<i>Radula tenax</i> Lindb.	A liverwort	G3G4	SU		
<b>MOSSES</b>					
<i>Astomum phascooides</i> (Hook. ex Drumm.) Grout	A moss	G3G4	SU		
<i>Campylopus caroliniae</i> Grout	A moss	G1G2	S1		
<i>Orthotrichum keeverae</i> Crum & Anders.	Keever's bristle-moss	G1	S1		
<i>Plagiothecium latebricola</i> BSG	Lurking leskea	G3G4	SU		
<i>Sphagnum angustifolium</i> (C. Jens. ex Russ.) C. Jens.	Narrowleaf peatmoss	G5	S1S2		
<i>Sphagnum capillifolium</i> (Ehrh.) Hedw.	Pom - pom peatmoss	G5	S1S2		
<i>Sphagnum carolinianum</i> Andrus	Carolina peatmoss	G3	S2		
<i>Sphagnum cyclophyllum</i> Sull. & Lesq. ex Sull.	Circular-leaved peatmoss	G3	S1S2		
<i>Sphagnum fimbriatum</i> Wils. ex Wils. & J.D. Hook.	A peatmoss	G5	S1		
<i>Sphagnum flavicomans</i> (Card.) Warnst.	A peatmoss	G3	SU		
<i>Sphagnum flexuosum</i> Dozy & Molk.	Flexuose peatmoss	G5	S1S2		
<i>Sphagnum fuscum</i> (Schimp.) Klinggr.	Brown peatmoss	G5	S1		
<i>Sphagnum girgensohnii</i> Russ.	Girgensohn's peatmoss	G5	S1S2		
<i>Sphagnum inundatum</i> Russ.	Inundated peatmoss	G4	S1S2		
<i>Sphagnum macrophyllum</i> Bernh. ex Brid. var. <i>macrophyllum</i>	Large-leaf peatmoss	G3T3?	S2		
<i>Sphagnum molle</i> Sull.	Soft peatmoss	G4	S2		

*Virginia Rare Non-Vascular Plant List*

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Sphagnum portoricense</i> Hampe	Puerto Rico peatmoss	G5	S1S2		
<i>Sphagnum quinquefarium</i> (Lindb. ex Braithw.) Warnst.	Five-rowed peatmoss	G5	S2S3		
<i>Sphagnum rubellum</i> Wils.	Red peatmoss	G5	S2		
<i>Sphagnum russowii</i> Warnst.	Russow's peatmoss	G5	S1S2		
<i>Sphagnum strictum</i> Sull.	Straight peatmoss	G5	S2		
<i>Sphagnum subsecundum</i> Nees ex Sturm	Subsecund peatmoss	G5	S1		
<i>Sphagnum subtile</i> (Russ.) Warnst.	Delicate peatmoss	G5?Q	S1S2		
<i>Sphagnum torreyanum</i> Sull.	Torrey's peatmoss	G3G4	S2		
<i>Sphagnum trinitense</i> C.M.	Trinidad peatmoss	G4	S2S3		

## APPENDIX 1: CHANGES TO THE 2005 LISTS

Below is a summary of the changes to the rare plant list and watchlist since the 2004 edition:

**1) Taxa which have been removed from the rare vascular plant list and placed on the vascular plant watchlist:**

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Penstemon hirsutus</i>	S3	S2
<i>Saccharum brevibarbe</i> var. <i>brevibarbe</i>	SU	S1
<i>Symphyotrichum ericoides</i>	S3	S2

**2) Additions to the rare vascular plant list:**

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Boltonia</i> sp. 1	S1	N/A
<i>Carex bebbii</i>	S1	N/A
<i>Euphorbia exserta</i>	S1	N/A
<i>Heuchera caroliniana</i>	S1	N/A
<i>Pityopsis graminifolia</i> var. <i>tenuifolia</i>	S1	N/A

**3) Taxa whose ranks have changed but are still found on the rare vascular plant list:**

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Botrychium jenmanii</i>	S1	SH
<i>Ophioglossum petiolatum</i>	S1	SH
<i>Rhynchospora wrightiana</i>	S1	SH

**4) Additions to the vascular plant watchlist:**

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Carex pellita</i>	S3	N/A
<i>Carex superata</i>	S3	N/A
<i>Phragmites australis</i> ssp. <i>americanus</i>	SNR	N/A

**5) Taxa which have been removed from the vascular plant watchlist:**

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Acalypha ostryifolia</i>	SNA	SE?
<i>Alopecurus aequalis</i> var. <i>aequalis</i>	SNA	SE?
<i>Asplenium platyneuron</i> var. <i>bacculum-rubrum</i>	SNA	SU
<i>Axonopus fissifolius</i>	SNA	SE?
<i>Boltonia caroliniana</i>	S4	S3
<i>Braya humilis</i>	SNA	SE?
<i>Calystegia soldanella</i>	SNA	SE?
<i>Carex brunneoscens</i> var. <i>sphaerostachya</i>	S4	SU
<i>Carex gravida</i> var. <i>lunelliana</i>	SNA	SE?
<i>Carex hirtifolia</i>	S4	S3
<i>Carex tribuloides</i> var. <i>sangamonensis</i>	SNA	SR
<i>Chasmanthium sessilifolium</i>	S4	S3
<i>Dianthonia sericea</i> var. <i>epilis</i>	SNA	SU
<i>Dichanthelium villosissimum</i>	S4	SU
<i>Diodia virginiana</i> var. <i>attenuata</i>	SU	SU

<i>Epilobium strictum</i>	SNA	SU
<i>Erigeron quercifolius</i>	SNA	SE?
<i>Eriocaulon compressum</i>	SNA	SR
<i>Glandularia canadensis</i>	SNA	SE?
<i>Hieracium venosum</i> var. <i>venosum</i>	S5	SU
<i>Ilex beadlei</i>	N/A	SU
<i>Krigia caespitosa</i>	S3S4	SU
<i>Lactuca canadensis</i> var. <i>obovata</i>	N/A	SU
<i>Leptochloa panicea</i> ssp. <i>mucronata</i> (= <i>L. mucronata</i> )	SNA	SE?
<i>Leptochloa panicoides</i>	SNA	SE?
<i>Modiola caroliniana</i>	SNA	SE
<i>Muhlenbergia tenuiflora</i> var. <i>variabilis</i>	S4?	SU
<i>Najas guadalupensis</i> var. <i>muenscheri</i>	N/A	SU
<i>Opuntia stricta</i> var. <i>stricta</i>	SNA	SU
<i>Parthenium integrifolium</i> var. <i>henryanum</i>	N/A	SU
<i>Phytolacca americana</i> ssp. <i>rigida</i>	N/A	SU
<i>Poa chapmaniana</i>	SNA	SE?
<i>Polygonum setaceum</i> var. <i>interjectum</i>	N/A	SU
<i>Polygonum tenue</i> var. <i>protrusum</i>	N/A	SU
<i>Sanicula canadensis</i> var. <i>grandis</i>	N/A	SU
<i>Silphium asteriscus</i>	SNA	SU
<i>Sisyrinchium rosulatum</i>	SNA	SU
<i>Solidago arguta</i> ssp. <i>bootii</i>	N/A	SU
<i>Solidago arguta</i> var. <i>caroliniana</i> (includes <i>S. arguta</i> ssp. <i>pseudoyadkinensis</i> )	S4	SU
<i>Stenanthium gramineum</i> var. <i>micranthum</i>	SU	SU
<i>Strophostyles leiosperma</i>	SNA	SE?
<i>Styloodon carneus</i>	SNA	SU
<i>Symphyotrichum praealtum</i> var. <i>praealtum</i>	N/A	SR
<i>Symphyotrichum racemosum</i>	S4S5	SU
<i>Trillium cuneatum</i>	N/A	SU
<i>Vitis cinerea</i> var. <i>cinerea</i>	SNA	SU
<i>Waldsteinia fragarioides</i> var. <i>fragarioides</i>	S4?	SU

#### 6) Taxonomic changes made on the rare vascular plant list and vascular plant watchlist:

<u>Old Scientific Name</u>	<u>New Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Amsonia tabernaemontana</i>	<i>Amsonia tabernaemontana</i> var. <i>tabernaemontana</i>	S3	S3
<i>Anemone minima</i>	<i>Anemone quinquefolia</i> var. <i>minima</i>	S3	S3
<i>Arabis glabra</i> var. <i>glabra</i>	<i>Arabis glabra</i>	S1	S1
<i>Bolboschoenus novae-angliae</i>	<i>Schoenoplectus novae-angliae</i>	S3	S3
<i>Callitricha verna</i>	<i>Callitricha palustris</i>	S3	S3
<i>Deschampsia caespitosa</i> ssp. <i>glaucia</i>	<i>Deschampsia caespitosa</i>	S1	S1
<i>Eleocharis smallii</i>	<i>Eleocharis palustris</i>	S3?	S3?
<i>Eupatorium cordigerum</i>	<i>Eupatorium rotundifolium</i> var. <i>cordigerum</i>	SU	SU
<i>Eupatorium vaseyi</i>	<i>Eupatorium sessilifolium</i> var. <i>vaseyi</i>	SU	SU
<i>Euthamia hirtipes</i>	<i>Euthamia graminifolia</i> var. <i>hirtipes</i>	SNR	SU
<i>Heuchera parviflora</i>	<i>Heuchera parviflora</i> var. <i>parviflora</i>	S3	S3
<i>Paronychia virginica</i> var. <i>virginica</i>	<i>Paronychia virginica</i>	S1	S1
<i>Phacelia covillei</i>	<i>Phacelia ranunculacea</i>	S1	S1
<i>Prunus susquehanae</i>	<i>Prunus pumila</i> var. <i>susquehanae</i>	S1	S1
<i>Pycnanthemum incanum</i> var. <i>loomisii</i>	<i>Pycnanthemum loomisii</i>	SU	SU
<i>Rhynchospora fascicularis</i> var. <i>distans</i>	<i>Rhynchospora fascicularis</i>	S2	S1?
<i>Rhynchospora fascicularis</i> var. <i>fascicularis</i>	<i>Rhynchospora fascicularis</i>	S2	S1?
<i>Rosa blanda</i>	<i>Rosa blanda</i> var. <i>blanda</i>	SU	SU
<i>Schoenoplectus acutus</i>	<i>Schoenoplectus acutus</i> var. <i>acutus</i>	S1	S1
<i>Scleria ciliata</i>	<i>Scleria ciliata</i> var. <i>ciliata</i>	S1	S1

**7) Taxa whose ranks have changed but are still found on the vascular plant watchlist:**

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Parthenium integrifolium</i> var. <i>mabryanum</i>	S3?	SU

**8) Taxa which were determined to be falsely reported from Virginia and have been removed from the rare vascular plant list or vascular plant watchlist:**

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Crataegus aestivalis</i>	N/A	SH
<i>Hypoxis wrightii</i>	N/A	SU
<i>Peltandra sagittifolia</i>	N/A	SU
<i>Vaccinium virgatum</i>	N/A	SH

## **APPENDIX 2. RARE SPECIES SIGHTING FORM**

An important component of the natural heritage inventory and protection process involves gathering information from state experts, professionals, and avocational naturalists throughout the state. To facilitate this, the Division of Natural Heritage has developed a rare species sighting form. If you would like to participate in our inventory and protection activities, please take a few moments to complete the attached form for any taxon from our rare plant list or watchlist. This data will be incorporated into the natural heritage data base and used exclusively for the protection of the rare taxon and its habitat. Please send the form to staff botanist John Townsend at: Department of Conservation and Recreation, Division of Natural Heritage, 217 Governor Street, 3<sup>rd</sup> Floor, Richmond, VA 23219.

Thank you for your support. The Division of Natural Heritage can only realize the protection of the Commonwealth's natural diversity by working through a network of knowledgeable and concerned individuals.

**TAXON NAME:**

**DATE SEEN:**

**CITY/COUNTY:**

**COLLECTION INFORMATION:** (Include your personal collection number, if any, and the Herbarium where the specimen has been/will be deposited)

**LOCATION:** (Please provide as detailed a description as possible. Please include a topographic map showing the location or sketch a map of the location.)

**HABITAT DESCRIPTION:** (Include associated species, natural features, vegetation, and other applicable habitat information).

**POPULATION DATA:** (Include number of individuals, age, size, spatial distribution, evidence of reproduction and other applicable population data.)

**THREATS OR EVIDENCE OF DISTURBANCE TO SITE:**

**LAND OWNER(S):**

**REPORTED BY:** (Please include name, address, telephone number, and email address if available.)

**DATE OF THIS REPORT:**